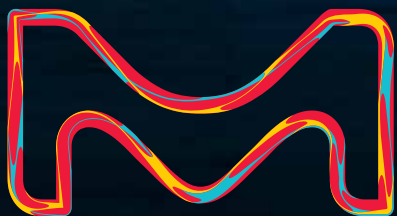


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Light Diagnostics™ Collection

illuminating your way in
immunofluorescence staining



The life science
business of Merck
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MilliporeSigma in
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You can now have faster, high quality results to help improve the efficiency in your lab, with our Light Diagnostics™ products for immunofluorescence. Our *in vitro* diagnostics (IVD) product line is recognized by clinical diagnostics and investigative labs as one of the original and leading global brands in immunofluorescence technology. Trust in the expertise of more than twenty years of innovative, high quality tools for your laboratory.

Condition of Sales

Products intended for *in vitro* diagnostic use must be registered and cleared by local government authorities. Contact Customer Service to determine if these products are cleared to market in your country.

Product Catalog Intended Use Statements

- IVD are products cleared to market in the United States "For *In Vitro* Diagnostic Use"
- IVD, CE are products cleared to market in the United States and certain countries within the European Union "For *In Vitro* Diagnostic Use".
- IVD, Export Only are products **not cleared to market in the United States and the European Union**. These products are cleared to market into specific countries where they have been registered and approved to market by the local government authorities. Please contact Customer Service to determine if these products are cleared to market in your country.
- IVD, CE Export Only are products **not cleared to market in the United States**. These products are cleared to market into specific countries within the European Union, as well as other countries where they have been registered and approved to market by the local government authorities. Please contact Customer Service to determine if these products are cleared to market in your country.
- RUO are products for research use only; not for use in diagnostic procedures. These products are considered to be in the laboratory research phase of development.
- For Laboratory Use are general-purpose laboratory products.



Light Diagnostics™ tools provide easy, reliable and accurate detection of three vitally important classes of human disease-causing agents: Human Respiratory Viruses (including novel reagents for detecting Human Metapneumovirus (hMPV)), Human Herpesviruses and Human Enteroviruses.

The Light Diagnostics™ line also includes an extensive collection of rabies monoclonal antibodies blended in combinations that allow users to quickly and easily distinguish isolates among a broad range of rabies variants.

Light Diagnostics™ technology development focuses on ease of use and cost-effective sample analysis through both select antibody blends that allow multiple disease variant detection in a single reaction and the enormously popular SimulFluor® platform

for multiplex fluorescence detection. SimulFluor® reagents for Respiratory Viruses are the original dual-fluorochrome assays and the gold standard for the detection of two or more respiratory viruses on one cell spot.

Light Diagnostics™ products are sold both as complete, ready-to-use immunofluorescence kits and as replacement products. All Light Diagnostics™ products are produced to the highest standard to ensure reproducibility and are approved for IVD use with only limited exceptions.

We have a long history of in-depth product support capability. Our products are renowned for their high-quality performance and reliability. Providing fast, high-quality results to improve your lab efficiency is our goal.

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01. Human Respiratory Virus Screening & Typing

Clinical symptoms of respiratory syncytial virus, influenza virus and other respiratory viruses are often impossible to tell apart. We offer sensitive, reliable and fast screening assays for various types of respiratory viruses.

Respiratory virus infection reaches peak prevalence in winter. Since the Northern and Southern Hemispheres have winter at different times of the year, there are actually two peak infection seasons. It remains unclear why outbreaks occur seasonally rather than uniformly throughout the year.

SimulFluor® dual-fluorochrome assay for rapid multiplex determination of respiratory viral agents was the first of its kind to be widely adopted as a commercial-use kit. Considered to be the benchmark of respiratory screening and typing, our SimulFluor® respiratory products are rigorously tested to guarantee

high-quality results every time. Many of our technical experts have been with the company through several generations of product improvements. This continuity of expertise ensures reliability and in-depth understanding of your needs. The SimulFluor® kits are accompanied by a simplified testing strategy to identify specific agents as quickly and efficiently as possible. SimulFluor® Respiratory Virus Assays are the original dual-fluorochrome assays and the gold standard for the detection of two or more respiratory viruses on one cell spot.

The clinical symptoms of human metapneumovirus (hMPV) are often indistinguishable from those caused by respiratory syncytial virus (RSV), the single most likely cause of severe respiratory illness, thereby making hMPV detection an important component of standard respiratory virus testing. We offer a direct fluorescence assay (DFA) specifically designed to detect and identify hMPV in direct patient specimen cell preparations from nasopharyngeal swab samples collected from patients with febrile respiratory illness.*

*Read complete package insert for detailed claims and usage.



Contents of Respiratory Viral Screening and Identification DFA Reagents Kit (3137).

SimulFluor® Kits

Dual-Fluorochrome Multiplex Assays

SimulFluor® kits are the next-generation technology in direct immunofluorescence assays. This simple, direct fluorescence multiplex assay uses a standard FITC filter set and dual green and gold fluorochromes (Figures 1 and 2). Often referred to as the gold standard of immunofluorescence-based respiratory virus detection, the power of the multiplexed approach, coupled with simple algorithm testing, allows clinical laboratories to maintain or even lower costs while continuing to provide rapid and accurate testing for quality patient care.

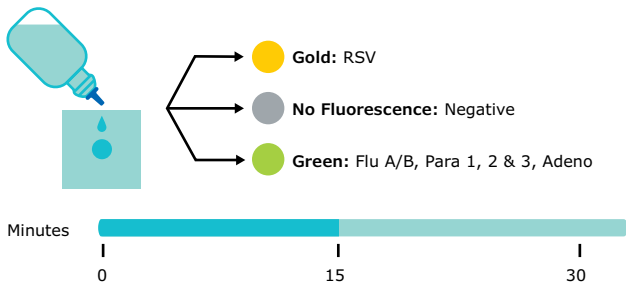


Figure 1. SimulFluor® Respiratory Screen Kit (Cat. No. 3296).

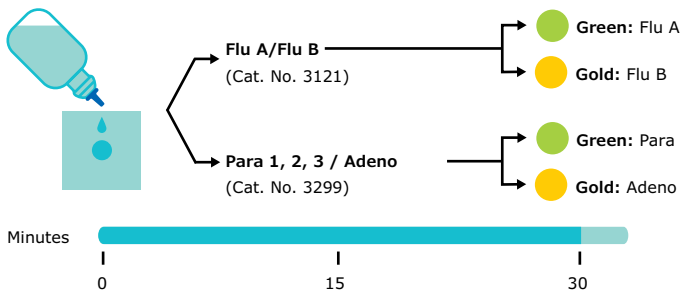
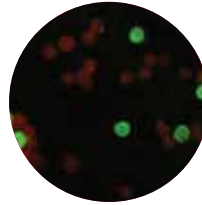


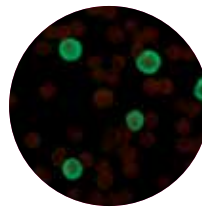
Figure 2. Further Typing



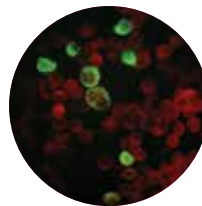
RSV-infected cells stained with SimulFluor® Respiratory Screen Kit (Cat. No. 3296).



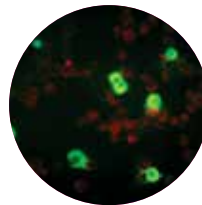
Flu A-infected cells stained with SimulFluor® Respiratory Screen (Cat. No. 3296).



Adeno-infected cells stained with SimulFluor® Respiratory Screen (Cat. No. 3296).



hMPV-infected LLC-MK2 cells stained with SimulFluor® hMPV/RSV (Cat. No. 6001RU0). For Research Use Only. Not for use in diagnostic procedures.



hMPV-infected LLC-MK2 cells stained with hMPV DFA Reagent (Cat. No. 5091).

See our complete listings of hMPV DFA and IFA reagents on pages 6 and 8 as well as our hMPV control slides, specifically designed to confirm detection of both type A and type B hMPV on one slide (page 22).

01. Human Respiratory Virus Screening & Typing

SimulFluor® Kits

All kits include Mounting Fluid (5013) and a complete package insert.

Product Description	Intended Use	Recommended Cell Lines	No. of Tests*	Qty./Pk	Cat. No.
SimulFluor® Respiratory Screen Kit SimulFluor® Respiratory Screen Reagent – (5296) Respiratory Control Slides (2) – (5071) Phosphate Buffered Saline (PBS) – (5087) Tween® 20/Sodium Azide Solution (100X) – (5037)	IVD, CE	A549, HEp-2, LLC-MK2, MDCK	250	10 mL	3296
SimulFluor® Respiratory Screen Kit SimulFluor® Respiratory Screen Reagent – (5296-2ML) Respiratory Control Slides (2) – (5071) Phosphate Buffered Saline (PBS) – (5087) Tween® 20/Sodium Azide Solution (100X) – (5037)	IVD, CE	A549, HEp-2, LLC-MK2, MDCK	50	2 mL	3296-2ML
SimulFluor® Flu A/Flu B Immunofluorescence Assay SimulFluor® Flu A/Flu B Reagent – (5250) Flu A/B Control Slides (2) – (5010) Phosphate Buffered Saline (PBS) – (5087) Tween® 20/Sodium Azide Solution (100X) – (5037)	IVD, CE	PMK, MDCK, MRC-5, LLC-MK2	50	2 mL	3121
SimulFluor® Para 1, 2, 3/Adeno Kit SimulFluor® Para 1, 2, 3/Adeno Reagent – (5299) Parainfluenza 1, 2, 3 Control Slide – (5011) Adeno Control Slide – (5009) Phosphate Buffered Saline (PBS) – (5087) Tween® 20/Sodium Azide Solution (100X) – (5037)	IVD, CE	LLC-MK2, A549	50	2 mL	3299
SimulFluor® Para 1, 2/3 DFA Kit SimulFluor® Para 1, 2/3 Reagent – (5297) Parainfluenza 1, 2, 3 Control Slides (2) – (5011) Phosphate Buffered Saline (PBS) – (5087) Tween® 20/Sodium Azide Solution (100X) – (5037)	IVD, CE	LLC-MK2	50	2 mL	3297
SimulFluor® RSV/Para 3 DFA Kit SimulFluor® RSV/Parainfluenza 3 Reagent – (5240) RSV Control Slides (2) – (5012) Para 1, 2, 3 Control Slides (2) – (5011) Phosphate Buffered Saline (PBS) – (5087) Tween® 20/Sodium Azide Solution (100X) – (5037)	IVD, CE	HEp-2, LLC-MK2	50	2 mL	3127

*Estimate based on 40 µL drop per test. Actual number may vary.

SimulFluor® Additional Sizes

Product Description	Intended Use	Recommended Cell Lines	No. of Tests*	Qty./Pk	Cat. No.
SimulFluor® Respiratory Screen Reagent	IVD, CE	A549, HEp-2, LLC-MK2, MDCK	50	2 mL	5296-2ML
			520	10 mL	5296
SimulFluor® Flu A /Flu B Reagent	IVD, CE	PMK, MDCK, MRC-5, LLC-MK2	50	2 mL	5250
			125	5 mL	5250-5ML
SimulFluor® Para 1, 2, 3/Adeno Reagent	IVD, CE	LLC-MK2, A549	50	2 mL	5299
SimulFluor® Para 1, 2/3 Reagent	IVD, CE	LLC-MK2	50	2 mL	5297
SimulFluor® RSV/Para 3 Reagent	IVD, CE	HEp-2, LLC-MK2	50	2 mL	5240

New SimulFluor® Components

RSV (gold), Adeno, Flu A, Flu B, Parainfluenza 1, 2, 3, hMPV (green)

Product Description	Intended Use	Recommended Cell Lines	No. of Tests*	Qty./Pk	Cat. No.
SimulFluor® Respiratory Screen II Reagent NEW with hMPV	RUO†	LLC-MK2, A549, HEP-2, MDCK	250	10 mL	5396R
SimulFluor® hMPV/RSV Reagent	RUO†	LLC-MK2, HEP-2	125	5 mL	6001RUO

*Estimate based on 40 µL drop per test. Actual number may vary.

†For Research Use Only. Not for use in diagnostic procedures.

Direct (DFA) or Indirect (IFA) Single-Fluorochrome Formats

DFA uses a labeled primary antibody to recognize the viral antigen, while IFA requires a labeled secondary antibody to detect the unlabeled primary antibody. IFA, therefore, may provide increased sensitivity required for certain applications.

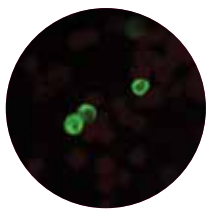
Our respiratory virus fluorescence assays are available in both single-fluorochrome DFA or IFA formats.

The complete DFA kits contain the applicable FITC-conjugated antibodies (with Evans Blue counterstain), appropriate control slides, PBS/Tween® 20 and mounting fluid. The IFA respiratory screening kits include a cocktail of the unconjugated respiratory viral antibodies, the FITC-conjugated secondary antibody (with Evans Blue counterstain), appropriate control slides, PBS/Tween® 20 and mounting fluid. Additional control slides can be found separately on page 22 and 23.

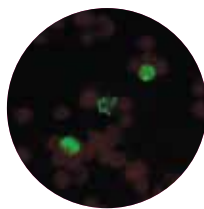
The Light Diagnostics™ Respiratory Direct Immunofluorescence Assay Viral Screening and Identification DFA Reagents Kit (Cat. No. 3137) is designed for the screening and identification of

influenza A, influenza B, adenovirus, respiratory syncytial virus (RSV), parainfluenza 1, parainfluenza 2, and parainfluenza 3 following amplification in cell culture. Negative results do not preclude influenza virus infection and should not be used as the sole basis for treatment or other management decisions. Performance characteristics for influenza A were established when influenza A/H3 and A/H1 were the predominant influenza A viruses in circulation.

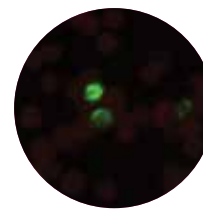
When other influenza A viruses are emerging, performance characteristics may vary. If infection with a novel influenza A virus is suspected based on current clinical and epidemiological screening criteria recommended by public health authorities, specimens should be collected with appropriate infection control precautions for novel virulent influenza and sent to state or local health departments for testing. Viral culture should not be attempted in these cases unless a Biosafety Level 3 (BSL 3+) facility is available to receive and culture specimens.



Parainfluenza 1-infected cells stained with Parainfluenza 1 DFA typing reagent from the Parainfluenza 1, 2, and 3 DFA Kit (Cat. No. 3120).



Parainfluenza 2-infected cells stained with Parainfluenza 2 DFA typing reagent from the Parainfluenza 1, 2, and 3 DFA Kit (Cat. No. 3120).



Parainfluenza 3-infected cells stained with Parainfluenza 3 DFA typing reagent from the Parainfluenza 1, 2, and 3 DFA Kit (Cat. No. 3120).

Direct Immunofluorescence Kits

All kits also include Mounting Fluid (5013) and a complete package insert.

Product Description	Intended Use	Recommended Cell Lines	No. of Tests*	Qty./Pk	Cat. No.
Respiratory Viral Screen DFA Kit Respiratory Screen DFA Reagent – (5307) Respiratory Control Slides (2) – (5071) Phosphate Buffered Saline (PBS) – (5087) Tween® 20/Sodium Azide Solution (100X) – (5037)	IVD, CE	A549, HEp-2, LLC-MK2, MDCK	250	10 mL	3107
Respiratory Syncytial Virus (RSV) DFA Kit RSV DFA Reagent – (5022) RSV Control Slides (2) – (5012) Phosphate Buffered Saline (PBS) – (5087) Tween® 20/Sodium Azide Solution (100X) – (5037)	IVD, CE	HEp-2	50	2 mL	3125
Adenovirus DFA Kit Adenovirus DFA Reagent – (5016) Adenovirus Control Slides (2) – (5009) Phosphate Buffered Saline (PBS) – (5087) Tween® 20/Sodium Azide Solution (100X) – (5037)	IVD, CE	A549, HEp-2	50	2 mL	3130
Parainfluenza 1, 2, and 3 DFA Kit Parainfluenza 1 Reagent – (5019) Parainfluenza 2 Reagent – (5020) Parainfluenza 3 Reagent – (5021) Parainfluenza Control Slides (2) – (5011) Phosphate Buffered Saline (PBS) – (5087) Tween® 20/Sodium Azide Solution (100X) – (5037)	IVD, CE	LLC-MK2	3 x 50	3 x 2 mL	3120

*Estimate based on 40 µL drop per test. Actual number may vary.

01. Human Respiratory Virus Screening & Typing

Direct Immunofluorescence Kits

All kits include Mounting Fluid (5013) and a complete package insert.

Product Description	Intended Use	Recommended Cell Lines	No. of Tests*	Qty./Pk	Cat. No.
Respiratory Viral Screening and Identification DFA Kit Respiratory Screen DFA Reagent – (5307) Respiratory Identification DFA Reagents (7): Adenovirus DFA Reagent – (5016) Influenza A DFA Reagent – (5017) Influenza B DFA Reagent – (5018) Parainfluenza 1 DFA Reagent – (5019) Parainfluenza 2 DFA Reagent – (5020) Parainfluenza 3 DFA Reagent – (5021) RSV DFA Reagent – (5022) Adenovirus Control Slide (1) – (5009) Influenza A/B Control Slide (1) – (5010) Parainfluenza 1, 2, 3 Control Slide (1) – (5011) RSV Control Slide (1) – (5012) Respiratory Control Slide (1) – (5071) Phosphate Buffered Saline (PBS) – (5087) Tween® 20/Sodium Azide Solution (100X) – (5037)	IVD, CE	A549, HEp-2, LLC-MK2, MDCK	250 7 x 50	10 mL 7 x 2 mL	3137
Respiratory Panel DFA Kit Respiratory DFA Reagents (7): Adenovirus DFA Reagent – (5016) Influenza A DFA Reagent – (5017) Influenza B DFA Reagent – (5018) Parainfluenza 1 DFA Reagent – (5019) Parainfluenza 2 DFA Reagent – (5020) Parainfluenza 3 DFA Reagent – (5021) RSV DFA Reagent – (5022) Adenovirus Control Slide (1) – (5009) Influenza A/B Control Slide (1) – (5010) Parainfluenza 1, 2, 3 Control Slide (1) – (5011) RSV Control Slide (1) – (5012) Phosphate Buffered Saline (PBS) – (5087) Tween® 20/Sodium Azide Solution (100X) – (5037)	IVD, CE	A549, HEp-2, LLC-MK2, MDCK	7 x 50	7 x 2 mL	3110
Influenza A and B DFA Kit Influenza A DFA Reagent – (5017) Influenza B DFA Reagent – (5018) Influenza A/B Control Slides (2) – (5010) Phosphate Buffered Saline (PBS) – (5087) Tween® 20/Sodium Azide Solution (100X) – (5037)	IVD, CE	LLC-MK2	2 x 50	2 x 2 mL	3123
Human Metapneumovirus (hMPV) Direct Immunofluorescence Assay hMPV DFA Reagent - (5091) hMPV Control Slides: Type A and Type B (2) - (5092) Phosphate Buffered Saline (PBS) – (5087) Tween® 20/Sodium Azide Solution (100X) – (5037)	IVD, CE		50	2 mL	3124

*Estimate based on 40 µL drop per test. Actual number may vary.

Components (FITC-Labeled)

All components also include a data sheet.

Product Description	Intended Use	Recommended Cell Lines	No. of Tests*	Qty./Pk	Cat. No.
Respiratory Screen DFA Reagent	IVD, CE	A549, HEp-2, LLC-MK2, MDCK	250	10 mL	5307
Adenovirus DFA Reagent	IVD, CE	A549, HEp-2	50	2 mL	5016
Influenza A DFA Reagent	IVD, CE	MDCK	50	2 mL	5017
Influenza B DFA Reagent (clone B2)	IVD, CE	MDCK	50	2 mL	5018
Parainfluenza 1 DFA Reagent	IVD, CE	LLC-MK2	50	2 mL	5019
Parainfluenza 2 DFA Reagent	IVD, CE	LLC-MK2	50	2 mL	5020
Parainfluenza 3 DFA Reagent	IVD, CE	LLC-MK2	50	2 mL	5021
Parainfluenza 4 DFA Reagent	IVD, CE	LLC-MK2	50	2 mL	5034
Parainfluenza Panel Antibody FITC Reagent	IVD, CE	LLC-MK2	50	2 mL	5025
RSV DFA Reagent	IVD, CE	HEp-2	50	2 mL	5022
hMPV DFA Reagent	IVD, CE	LLC-MK2	50	2 mL	5091
hMPV DFA Reagent	RUO	LLC-MK2	50	2 mL	5091RU0

*Estimate based on 40 µL drop per test. Actual number may vary.

Indirect Immunofluorescence Kits

All kits include Mounting Fluid (5013) and a complete package insert.

Product Description	Intended Use	Recommended Cell Lines	No. of Tests*	Qty./Pk	Cat. No.
Respiratory Panel Viral Screening and Identification IFA Kit Respiratory Viral Screen Reagent – (5007) Unlabeled Antibodies (7): Adenovirus Antibody Reagent – (5000) Influenza A Antibody Reagent – (5001) Influenza B Antibody Reagent – (5002) Parainfluenza 1 Antibody Reagent – (5003) Parainfluenza 2 Antibody Reagent – (5004) Parainfluenza 3 Antibody Reagent – (5005) RSV Control Slide – (5006) Anti-Mouse IgG/FITC Conjugate – (5008) Normal Mouse Antibody – (5014) Control Slides (4): Adenovirus Control Slide – (5009) Influenza A/B Control Slide – (5010) Parainfluenza 1, 2, 3 Control Slide – (5011) RSV Control Slide – (5012) Phosphate Buffered Saline (PBS) – (5087) Tween® 20/Sodium Azide Solution (100X) – (5037)	IVD, CE	A549, HEp-2, LLC-MK2, MDCK	250 7 x 50	10 mL 7 x 2 mL	3105
Respiratory Viral Screen IFA Kit Respiratory Viral Screen – (5007) Anti-Mouse IgG/FITC Conjugate – (5008) Normal Mouse Antibody – (5014) Phosphate Buffered Saline (PBS) – (5087) Tween® 20/Sodium Azide Solution (100X) – (5037)	IVD, CE	A549, HEp-2, LLC-MK2, MDCK	250	10 mL	3108

Components

All components include a data sheet.

Product Description	Intended Use	Recommended Cell Lines	No. of Tests*	Qty./Pk	Cat. No.
Adenovirus Antibody Reagent	IVD, CE	A549, HEp-2	50	2 mL	5000
Influenza A Antibody Reagent	IVD, CE	PMK, MDCK, MRC-5, LLC-MK2	50	2 mL	5001
Influenza B Antibody Reagent	IVD, CE	PMK, MDCK, MRC-5, LLC-MK2	50	2 mL	5002
Parainfluenza 1 Antibody Reagent	IVD, CE	LLC-MK2	50	2 mL	5003
Parainfluenza 2 Antibody Reagent	IVD, CE	LLC-MK2	50	2 mL	5004
Parainfluenza 3 Antibody Reagent	IVD, CE	LLC-MK2	50	2 mL	5005
Respiratory Syncytial Virus (RSV) Reagent	IVD, CE	HEp-2	50	2 mL	5006
Respiratory Virus Screen Reagent	IVD, CE	A549, HEp-2, LLC-MK2, MDCK	250	10 mL	5007
Goat Anti-Mouse IgG Antibody, FITC (For Use with Enterovirus and Respiratory IFA Reagents)	IVD, CE	N/A	250	10 mL	5008
Normal Mouse Antibody	IVD, CE	LLC-MK	250	10 mL	5014

*Estimate based on 40 µL drop per test. Actual number may vary.

02. Human Herpesviruses Kits & Reagents (CMV, HSV and VZV)

The human herpesviruses are members of the *herpesviridae* (the herpesvirus family) – a large family of viruses that establish latent infections for the life of their host. There are hundreds of different herpesviruses that infect a broad array of species. Members of the herpesvirus family are highly adapted to their natural hosts but often cause severe disease when they infect other host species.



FDA-Cleared Device for HSV 1 and 2 DFA Typing

Light Diagnostics™ HSV 1 and 2 DFA Typing Kit (3291) is specifically designed for the identification of HSV type 1 and 2 in direct patient specimens and in cell culture. See the package insert for complete performance details.

Product Description	Intended Use	No. of Tests*	Qty./Pk	Cat. No.
HSV 1 and 2 DFA Typing Kit HSV 1 Typing Reagent – (5233) HSV 2 Typing Reagent – (5234) HSV 1 & 2 Control Slides (2) – (5093) Phosphate Buffered Saline (PBS) – (5087) Tween® 20/Sodium Azide Solution (100X) – (5037) Mounting Fluid – (5013)	IVD, CE	2 x 50	2 x 2 mL	3291

IVD, CE Export Only Cytomegalovirus (CMV) pp65 Antigenemia IFA

Detection of CMV in blood leukocytes is closely associated with the clinical manifestations of CMV disease and is highly effective in the rapid diagnosis of CMV infection, potentially preventing delay in treatment using antiviral drugs such as ganciclovir and foscarnet. The Light Diagnostics™ CMV pp65 Antigenemia IFA Kit (Cat. No. 3247X) is a rapid, sensitive method for IFA detection of CMV in cytospin preparations of peripheral blood leukocytes.

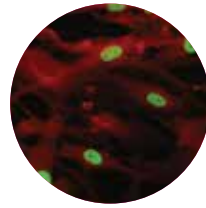
The new 3247X version of the CMV pp65 Antigenemia IFA Kit substitutes the original dextran method for

leukocyte separation with a superior ammonium chloride-based method. This new kit eliminates time-consuming sample processing steps, significantly improving turnaround time.

Cleared for diagnostic use in the European Union, ask your local sales representative or go to EMDMillipore.com and/or SigmaAldrich.com to find out about the availability of 3247X.

CMV Early Detection

Detect CMV as early as 24 hours post-inoculation using the Light Diagnostics™ Cytomegalovirus (CMV) Direct Immunofluorescence Assay DFA Kit (Cat. No. 3245). This assay's centrifugation-enhanced option provides pre-CPE (cytopathic effects) detection of CMV in tissue, before damaged cells can be seen microscopically. This CMV assay is also offered in an Indirect Immunofluorescence (IFA) format (Cat. No. 3135).



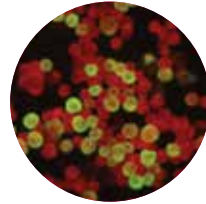
Detection of immediate early antigen of CMV-infected MRC-5 (human diploid fibroblast) cells by CMV DFA Kit (Cat. No. 3245).

SimulFluor® Kits for HSV & VZV Identification

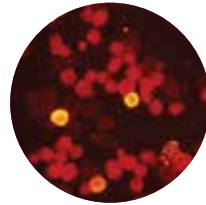
Light Diagnostics™ Varicella-zoster Virus (VZV) Direct Immunofluorescence Assay Kit (Cat. No. 3430) qualitatively detects and identifies glycoprotein I and immediate early antigens of VZV from vesicular lesions. The kit is used for culture confirmation with standard tube cultures and shell vials, and is presumptive in the detection and identification of VZV from direct specimens. Specimens found to be negative on direct specimen examination must be confirmed with culture.

The SimulFluor® HSV/VZV Direct Immunofluorescence Kit (Cat. No. 3295) simultaneously detects and identifies herpes simplex viruses (HSV) 1 and 2 and VZV from patients with vesicular, oral, genital, or skin lesions, using direct specimens and culture confirmation.

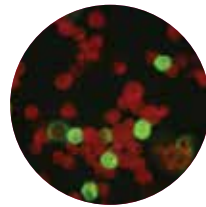
The SimulFluor® HSV 1/HSV 2 Immunofluorescence Kit (Cat. No. 3293) detects and identifies HSV 1 or HSV 2 following amplification in cell culture or by direct examination of clinical specimens prepared by cytospin. All specimens found to be negative on direct specimen examination should be tested by cell culture.



HSV 1-infected cells stained with SimulFluor® HSV/VZV DFA Kit (Cat. No. 3295).



VZV-infected cells stained with SimulFluor® HSV/VZV DFA Kit (Cat. No. 3295).



HSV 1-infected cells stained with SimulFluor® HSV 1/HSV 2 DFA Kit (Cat. No. 3293).



HSV 2-infected cells stained with SimulFluor® HSV 1/HSV 2 DFA Kit (Cat. No. 3293).

02. Human Herpesviruses Kits & Reagents (CMV, HSV and VZV)

Kits

All kits include Mounting Fluid (5013) and a complete package insert.

Product Description	Intended Use	Recommended Cell Lines	No. of Tests*	Qty./Pk	Cat. No.
Cytomegalovirus (CMV) DFA Kit CMV FITC-Labeled Monoclonal Antibody – (5090) CMV Control Slides (2) – (5027) Phosphate Buffered Saline (PBS) – (5087) Tween® 20/Sodium Azide Solution (100X) – (5037)	IVD, CE	MRC-5	250	10 mL	3245
Cytomegalovirus (CMV) IFA Kit CMV Monoclonal Antibody – (5026) Anti-Mouse IgG: FITC Conjugate – (5024) CMV Control Slides (2) – (5027) Phosphate Buffered Saline (PBS) – (5087) Tween® 20/Sodium Azide Solution (100X) – (5037)	IVD, CE	MRC-5	250	10 mL	3135
Cytomegalovirus (CMV) pp65 Antigenemia IFA Kit CMV pp65 Monoclonal Antibody – (5097i) Anti-Mouse IgG: FITC Conjugate – (5024) Fixation Solution (5X) – (5113) Permeabilization Solution (5X) – (5115) Erythrocyte Lysis Buffer (5X) – (5122-5X) Phosphate Buffered Saline (PBS) – (5087)	IVD, CE Export Only		125	5 mL	3247X
HSV 1 and 2 DFA Typing Kit HSV 1 Typing Reagent – (5233) HSV 2 Typing Reagent – (5234) HSV 1/2 Control Slides (2) – (5093) Phosphate Buffered Saline (PBS) – (5087) Tween® 20/Sodium Azide Solution (100X) – (5037)	IVD, CE	MRC-5	2 x 50	2 x 2 mL	3291
SimulFluor® HSV 1/HSV 2 DFA Kit SimulFluor® HSV 1/HSV 2 Reagent – (5243) HSV 1 & 2 Control Slides (2) – (5093) Phosphate Buffered Saline (PBS) – (5087) Tween® 20/Sodium Azide Solution (100X) – (5037)	IVD, CE	MRC-5	125	5 mL	3293

*Estimate based on 40 µL drop per test. Actual number may vary.

Kits (continued)

All kits include Mounting Fluid (5013) and a complete package insert.

Product Description	Intended Use	Recommended Cell Lines	No. of Tests*	Qty./Pk	Cat. No.
SimulFluor® HSV/VZV DFA Kit SimulFluor® HSV/VZV Reagent – (5235) HSV 1 & 2 Control Slides (2) – (5093) VZV Control Slides (2) – (5088) Phosphate Buffered Saline (PBS) – (5087) Tween® 20/Sodium Azide Solution (100X) – (5037)	IVD, CE	MRC-5	125	5 mL	3295
Varicella-Zoster (VZV) DFA Kit VZV DFA Reagent – (5094) VZV Control Slides (2) – (5088) Phosphate Buffered Saline (PBS) – (5087) Tween® 20/Sodium Azide Solution (100X) – (5037)	IVD, CE	MRC-5	125	5 mL	3430

*Estimate based on 40 µL drop per test. Actual number may vary.

Components

All components include a data sheet.

Product Description	Intended Use	Recommended Cell Lines	No. of Tests*	Qty./Pk	Cat. No.
CMV FITC Reagent	IVD, CE	MRC-5	250	10 mL	5090
CMV IFA Reagent	IVD, CE	MRC-5	250	10 mL	5026
CMV IFA Reagent	IVD, CE	MRC-5	50	2 mL	5026-2ML
CMV pp65 Antibody	RUO†	MRC-5	125	5 mL	5097R
VZV FITC Reagent	IVD, CE	MRC-5	125	5 mL	5094
SimulFluor® HSV 1/2 Reagent	IVD, CE	MRC-5	125	5 mL	5243
SimulFluor® HSV/VZV Reagent	IVD, CE	MRC-5	125	5 mL	5235
HSV1 Typing Reagent	IVD, CE	MRC-5	50	2 mL	5233
HSV2 Typing Reagent	IVD, CE	MRC-5	50	2 mL	5234
Goat Anti-Mouse IgG Antibody, FITC (For use with CMV IFA Reagents)	IVD, CE	N/A	250	10 mL	5024

*Estimate based on 40 µL drop per test. Actual number may vary.

†For Research Use Only. Not for use in diagnostic procedures.

03. Human Enterovirus Comprehensive Panning & Typing

Enteroviruses are small RNA viruses that cause a wide variety of diseases, including poliomyelitis, meningitis, hand-foot-and-mouth disease and conjunctivitis. Due to the diverse clinical manifestations, it is important to have rapid, accurate diagnostic tools at hand to enable prompt treatment.



Contents of Pan-Enterovirus Detection Kit (3460).

We are the leading provider of a comprehensive breadth of tools for detecting human enteroviruses, as well as other sub-family viruses. We offer fast and simple typing in an IFA format for increased sensitivity and versatility.

Advantages of enterovirus detection kits

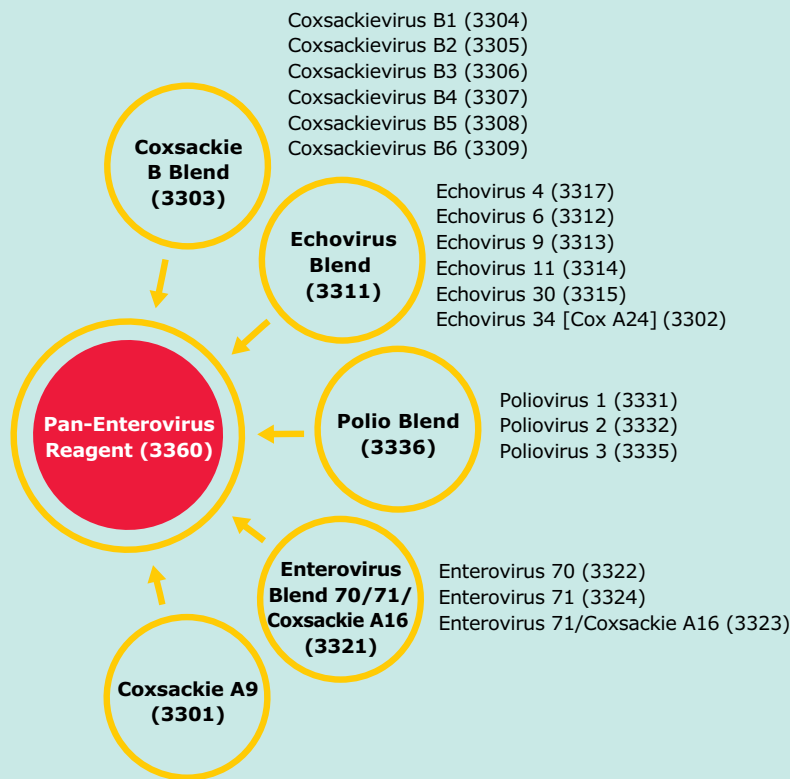
- One simple catalog number for easy ordering and big savings every time you purchase.
- New pan-enterovirus control slides in each kit, specifically designed to include everything you'll need for testing.
- Bundling means better consolidated pricing without buying more than you need.



Contents of Enterovirus Screening Set Kit (3465).

Product Description	Intended Use	No. of Tests*	Cat. No.
Pan-Enterovirus Detection Kit	IVD, CE	125	3460
Enterovirus Screening Set Kit	IVD, CE	1 x 25 4 x 50 1 x 125	3465

*Estimate based on 40 µL drop per test. Actual number may vary.

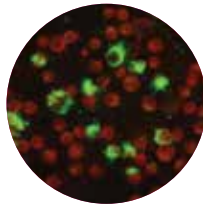


PAN-Enterovirus Reagents & Blends

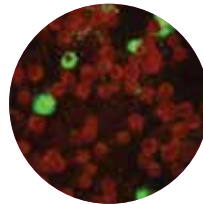
Light Diagnostics™ Pan-Enterovirus Reagent (Cat. No. 3360) is available as an indirect immunofluorescence (IFA) screening reagent for the preliminary identification of enteroviruses from cell culture.

While all antibody blends are not formulated for testing directly on human specimens, further post-cell culture screening can be done by using type-specific reagents.

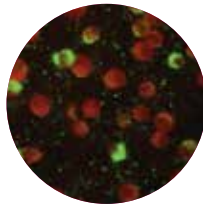
Cocksackievirus A9-infected cells stained with Pan-Enterovirus Reagent (Cat. No. 3360).



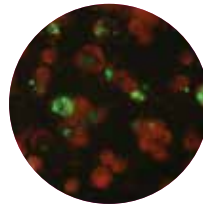
Echovirus 30-infected cells stained with Pan-Enterovirus Reagent (Cat. No. 3360).



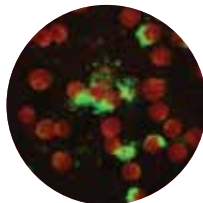
Poliovirus 2-infected cells stained with Pan-Enterovirus Reagent (Cat. No. 3360).



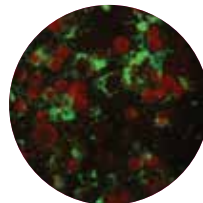
Enterovirus 70-infected cells stained with Pan-Enterovirus Reagent (Cat. No. 3360).



Cocksackievirus B2-infected cells stained with Pan-Enterovirus Reagent (Cat. No. 3360).



Enterovirus 71-infected cells stained with Pan-Enterovirus Reagent (Cat. No. 3360).



Note: Light Diagnostics™ Enterovirus reagents are ready-to-use unconjugated antibodies for use in indirect immunofluorescence assays. Secondary FITC-labeled antibody (Cat. No. 5008) included in kits 3460 and 3465, but may be purchased separately (see pages 16-18). Enterovirus control slides and Laboratory Use Reagents, such as PBS/Tween® and mounting fluid, can be found on pages 22-23.

03. Human Enterovirus Comprehensive Panning & Typing

Pan-Enterovirus Reagents & Blends

All enterovirus products require Cat. No. 5008 or a comparably labeled 2° antibody.

Product Description	Intended Use	Recommended Cell Lines	No. of Tests*	Qty./ Pk	Cat. No.
Pan-Enterovirus Detection Kit NEW Pan-Enterovirus Reagent – (3360) Goat Anti-Mouse IgG Antibody, FITC – (5008) Pan-Enterovirus Control Slide (2) – (5069) Phosphate Buffered Saline (PBS) – (5087) Tween®20/Sodium Azide Solution (100X) – (5037) Mounting Fluid - (5013) Normal Mouse Antibody - (5014)	IVD, CE	RMK, MRC-5	125	5 mL	3460
Pan-Enterovirus Reagent	IVD, CE	RMK, MRC-5	125	5 mL	3360
Coxsackievirus B Blend Reagent, Monoclonal Antibodies	IVD, CE	RD	50	2 mL	3303
Echovirus Blend Reagent, Monoclonal Antibodies	IVD, CE	A549	50	2 mL	3311
Enterovirus (70 and 71/ Coxsackievirus A16) Blend Reagent, Monoclonal Antibodies	IVD, CE	RD	50	2 mL	3321
Poliovirus Blend Reagent, Monoclonal Antibodies	IVD, CE	BGMK	50	2 mL	3336

*Estimate based on 40 µL drop per test. Actual number may vary.

Component

Product Description	Intended Use	Recommended Cell Lines	No. of Tests*	Qty./ Pk	Cat. No.
Goat Anti-Mouse IgG Antibody, FITC (For Use with Enterovirus and Respiratory IFA Reagents)	IVD, CE	N/A	250	10 mL	5008

*Estimate based on 40 µL drop per test. Actual number may vary.

Enterovirus Antibody Sets

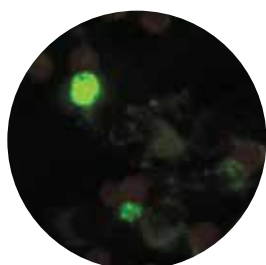
This comprehensive selection of antibody sets includes 2 mL of designated blends for a specified enterovirus group, as well as 1 mL each of specific ready-to-use antibodies for a specific subgroup.

Enterovirus Antibody Sets

All enterovirus products require Cat. No. 5008 or a comparably labeled 2° antibody.

Product Description	Intended Use	Recommended Cell Lines	No. of Tests*	Qty./Pk	Cat. No.
Enterovirus Screening Kit	IVD, CE	RD, A549,			3465
Coxsackievirus A9 Monoclonal Antibody - (3301)		BGMK,	25	1 mL	
Coxsackievirus B Blend - (3303)		RMK, MRC-5	50	2 mL	
Echovirus Blend - (3311)			50	2 mL	
Enterovirus Blend - (3321)			50	2 mL	
Poliovirus Blend - (3336)			50	2 mL	
Pan-Enterovirus Reagent - (3360)			125	5 mL	
Pan-Enterovirus Control Slides (2) - (5069)					
Normal Mouse Antibody - (5014)					
Anti-Mouse IgG:FITC - (5008)					
Phosphate Buffered Saline (PBS) - (5087)					
Normal Mouse Antibody - (5014)					
Tween®20/Sodium Azide Solution (100x) - (5037)					
Mounting Fluid - (5013)					
Coxsackievirus Antibody Set	IVD, CE	RD			3350
Coxsackievirus Typing Reagents and Blend:					
Coxsackievirus A9 Reagent - (3301)			25	1 mL	
Coxsackievirus A24 Reagent - (3302)			25	1 mL	
Coxsackievirus B1 Reagent - (3304)			25	1 mL	
Coxsackievirus B2 Reagent - (3305)			25	1 mL	
Coxsackievirus B3 Reagent - (3306)			25	1 mL	
Coxsackievirus B4 Reagent - (3307)			25	1 mL	
Coxsackievirus B5 Reagent - (3308)			25	1 mL	
Coxsackievirus B6 Reagent - (3309)			25	1 mL	
Coxsackievirus B Blend - (3303)			50	2 mL	
Echovirus Antibody Set	IVD, CE	A549			3340
Echovirus Typing Reagents and Blend:					
Echovirus 4 Reagent - (3317)			25	1 mL	
Echovirus 6 Reagent - (3312)			25	1 mL	
Echovirus 9 Reagent - (3313)			25	1 mL	
Echovirus 11 Reagent - (3314)			25	1 mL	
Echovirus 30 Reagent - (3315)			25	1 mL	
Echovirus Blend - (3311)			50	2 mL	
Enterovirus Screening Set	IVD, CE	RD, A549,			3365
Coxsackie B Blend - (3303)		BGMK,	25	2 mL	
Echovirus Blend - (3311)		RMK, MRC-5	25	2 mL	
Enterovirus 70/71 Blend - (3321)			25	2 mL	
Poliovirus Blend - (3336)			25	2 mL	
Pan-Enterovirus Reagent - (3360)			50	5 mL	
Poliovirus Antibody Set	IVD, CE	BGMK			3355
Poliovirus Typing Reagents:					
Poliovirus 1 Reagent - (3331)			25	1 mL	
Poliovirus 2 Reagent - (3332)			25	1 mL	
Poliovirus 3 Reagent - (3335)			25	1 mL	
Poliovirus Blend - (3336)			50	2 mL	
Enterovirus 70/71 Antibody Set	IVD, CE	RD			3345
Enterovirus Typing Reagents:					
Enterovirus 70 Reagent - (3322)			25	1 mL	
Enterovirus 71 Reagent - (3323)			25	1 mL	
Enterovirus 70/71 Blend - (3321)			50	2 mL	

*Estimate based on 40 µL drop per test. Actual number may vary.



Coxsackievirus A9-infected rhabdomyosarcoma cells stained with Coxsackievirus A9 typing antibody (Cat. No. 3301) from Coxsackievirus Antibody Set.

Enterovirus Typing Reagents

Enterovirus typing reagents are ready-to-use unconjugated monoclonal antibodies for use in indirect immunofluorescence assays. These type-specific monoclonal antibodies are intended for the presumptive identification of virus obtained in cell culture and are not intended for testing directly on human specimens. **Enterovirus control slides and Laboratory Use Reagents such as PBS/Tween® and mounting fluid, can be found on page 23.**

Enterovirus Typing Reagents

Enterovirus products require Cat. No. 5008 or a comparably labeled 2^o antibody.

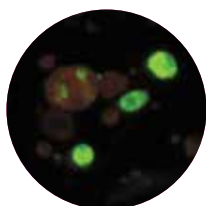
Product Description	Intended Use	Recommended Cell Lines	No. of Tests*	Qty./Pk	Cat. No.
Coxsackievirus A9 Monoclonal Antibody	IVD, CE	RD	25	1 mL	3301
Coxsackievirus A24 Monoclonal Antibody also known as Echovirus 34	IVD, CE	RD	25	1 mL	3302
Coxsackievirus B1 Monoclonal Antibody	IVD, CE	RD	25	1 mL	3304
Coxsackievirus B2 Monoclonal Antibody	IVD, CE	RD	25	1 mL	3305
Coxsackievirus B3 Monoclonal Antibody	IVD, CE	RD	25	1 mL	3306
Coxsackievirus B4 Monoclonal Antibody	IVD, CE	RD	25	1 mL	3307
Coxsackievirus B5 Monoclonal Antibody	IVD, CE	RD	25	1 mL	3308
Coxsackievirus B6 Monoclonal Antibody	IVD, CE	RD	25	1 mL	3309
Echovirus 4 Monoclonal Antibody	IVD, CE	A549	25	1 mL	3317
Echovirus 6 Monoclonal Antibody	IVD, CE	A549	25	1 mL	3312
Echovirus 9 Monoclonal Antibody	IVD, CE	A549	25	1 mL	3313
Echovirus 11 Monoclonal Antibody	IVD, CE	A549	25	1 mL	3314
Echovirus 30 Monoclonal Antibody	IVD, CE	A549	25	1 mL	3315
Enterovirus 70 Monoclonal Antibody	IVD, CE	A549	25	1 mL	3322
Enterovirus 71/Coxsackievirus A16 Monoclonal Antibody	IVD, CE	RD	25	1 mL	3323
Enterovirus 71 Monoclonal Antibody	IVD, CE	A549	25	1 mL	3324
Pan-Enterovirus Reagent clone 9D5 Monoclonal Antibody	IVD, CE	RMK, MRC-5	125	5 mL	3361
Pan-Enterovirus Reagent clone 2E11 Monoclonal Antibody	IVD, CE	RMK, MRC-5	125	5 mL	3362
Poliovirus 1 Monoclonal Antibody	IVD, CE	BGMK	25	1 mL	3331
Poliovirus 2 Monoclonal Antibody	IVD, CE	BGMK	25	1 mL	3332
Poliovirus 3 Monoclonal Antibody	IVD, CE	BGMK	25	1 mL	3335

Includes complete package insert.

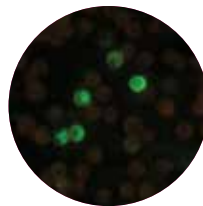
Component

Product Description	Intended Use	Recommended Cell Lines	No. of Tests*	Qty./Pk	Cat. No.
Goat Anti-Mouse IgG Antibody, FITC (For use with Enterovirus and Respiratory IFA Reagents)	IVD, CE	-	250	10 mL	5008

Estimate based on 40 µL drop per test. Actual number may vary.



Coxsackievirus A24-infected cells stained with Coxsackievirus A24 typing reagent from Coxsackievirus Antibody Set (Cat. No. 3350).



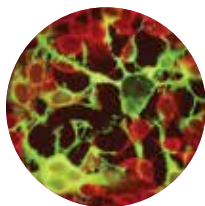
Echovirus 4-infected cells stained with Echovirus 4 individual typing reagent. Echovirus 4 is one of the most common serotypes accounting for cases of viral meningitis and myelitis.

04. Additional Assays & Reagents

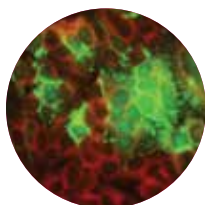
Our offering includes a selection of IFA kits and antibodies for the detection of measles and mumps, as well as other reagents for respiratory tract smears.

Pneumocystis DFA KIT

Light Diagnostics™ *Pneumocystis carinii* DFA kit is a direct fluorescent antibody test for the detection of *Pneumocystis carinii* in direct smears of respiratory tract specimens including induced sputum, bronchoalveolar lavage (BAL), and lung biopsy specimens. The anti-*Pneumocystis carinii* monoclonal antibodies bind to both cysts and trophozoites of *Pneumocystis carinii* present in a respiratory tract specimen.



Measles-infected cells stained with Measles IFA Kit (Cat. No. 3187).



Mumps-infected cells stained with Mumps IFA Kit (Cat. No. 3140).

Assays/Reagents

All IFA products require Cat. No. 5008 or a comparably labeled 2° antibody.

Product Description	Intended Use	No. of Tests	Qty./Pk	Cat. No.
Measles IFA Kit Measles Antibody Reagent - (5030) Measles Control Slides (2) - (5031) Anti-Mouse IgG/FITC Conjugate - (5008) Phosphate Buffered Saline (PBS) - (5087) Tween® 20/Sodium Azide Solution (100X) - (5037) Mounting Fluid - (5013)	IVD, CE	50	2 mL	3187
Measles Antibody Reagent Replacement component for Measles IFA Kit - (3187)	IVD, CE	50	2 mL	5030
Mumps IFA Kit Mumps Antibody Reagent - (5028) Mumps Control Slides (2) - (5029) Anti-Mouse IgG/FITC Conjugate - (5008) Phosphate Buffered Saline (PBS) - (5087) Tween® 20/Sodium Azide Solution (100X) - (5037) Mounting Fluid - (5013)	IVD, CE	50	2 mL	3140
Mumps Antibody Reagent Replacement component for Mumps IFA Kit - (3140)	IVD, CE	50	2 mL	5028
<i>Pneumocystis carinii</i> DFA Kit PCP DFA Reagent - (5195) Phosphate Buffered Saline (PBS) - (5087) Tween® 20/Sodium Azide Solution (100X) - (5037)	IVD, CE	50	2 mL	3195
PCP Antibody Reagent Replacement component for <i>P. carinii</i> DFA Kit - (3195)	IVD, CE	50	2 mL	5195

05. Rabies Reagents

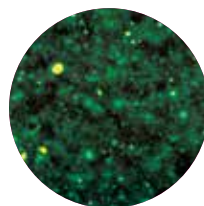
Rabies is considered the most significant animal-borne disease by the World Health Organization. Rapid positive diagnosis (for administering prompt post-exposure prophylaxis) and negative diagnosis (to prevent unnecessary and expensive treatment) are both important for managing rabies.

We offer a complete and powerful selection of tools for rabies detection. Rabies DFA I Reagent (Cat. No. 5100) is the flagship testing reagent for rabies. Rabies DFA III (Cat. No. 6500) is an entirely different antibody reagent from DFA I. Rabies DFA III, a uniquely modified version of Rabies DFA II, offers highly specific staining.

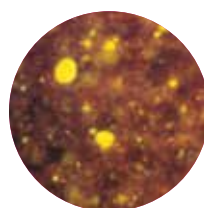
In addition, we offer a Low Glycerol Mounting Fluid that is specifically designed to enhance the persistence of fluorescent signal on specimens stained with Cat. Nos. 5100, 5500, and 6500 as well as an extensive selection of rabies typing reagents, offered as a convenient Rabies MAb Typing Set (see table on page 21).

New Rabies DFA III (Cat. No. 6500i)

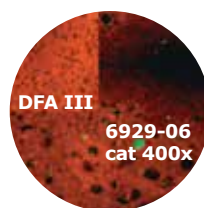
Nonspecific Staining (NSS) patterns using rabies DFA stains have been known to occur across a spectrum of animal brain specimens.



Infected brain sample stained with Light Diagnostics™ Rabies DFA 1 Reagent (Cat. No. 5100) without Evans Blue counterstain.



Infected brain sample stained with Light Diagnostics™ Rabies DFA 1 reagent (Cat. No. 5100) with Evans Blue counterstain.



NSS20 stained with DFA II and with DFA III (inset).

Rabies Products

The use of Low-Glycerol Mounting Fluid is recommended.

Product Description	Intended Use	Qty./Pk	Cat. No.
Rabies DFA I Reagent	IVD, CE	5 mL	5100*
Rabies DFA II Reagent	IVD, CE Export Only	5 mL	5500i*
Rabies DFA III Reagent	IVD, CE Export Only	5 mL	6500i*
Rabies MAb Typing Set MAb8716i, MAb8717i, MAb8718i, MAb8719i, MAb8723i, MAb8724i	IVD, CE Export Only	7 x 100 ug	5118i*
Rabies Diluent Reagent	For Laboratory Use	100 mL	5070
Rabies Diluent with Evans Blue	N/A	100 mL	RAB5061
Rabies Negative Control (for use with Rabies monoclonal reagents)	IVD, CE	0.5 mL	5102
Mounting Fluid, Low Glycerol	For Laboratory Use	10 mL	5096*

*NOTE: The Working Dilution must be determined by titration of the Reagent by the user.

Rabies Products for Research Use Only

Product Description	Intended Use	Qty./Pk	Cat. No.
Anti-Rabies glycoprotein (24-3F10) IgG	RUO	100 µg	MAb8727
Rabies MAb Blend	RUO	5 mL	MAb0051

Rabies Variant Typing Chart using Rabies MAb Typing Set (Cat. No. 5118i)

Cat. No.	Clone No.	Raccoon E US	Major Terrestrial Animal Reservoirs			Minor Terrestrial Animal Reservoirs			Insectivorous Bats		Other
			Skunk NC US & CA	Skunk SC US	Dog/ Coyote Texas	Fox	Fox New England	Fox AZ	Bat I	Bat II	Non-Rabies Lyssavirus
MAb8716i	C4-62-15-2	+	+	+	+	+	+	+	+	+	-
MAb8717i	CR54-62-29-54	+	-	v	-	-	-	-	-	-	v
MAb8718i	C1-62-3-1	-	+	-	+	+	-	+	-	v	v
MAb8719i	C2-62-8-2	+	+	-	+	+	+	+	+	v	v
MAb8722i	C10-62-52-2	+	+	+	+	+	+	+	+	v	v
MAb8723i	C15-62-97-3	+	+	+	+	+	-	-	-	v	v
MAb8724i	C18-62-143-2	+	-	+	-	-	-	-	-	v	v

+ = Positive; - = Negative; v = Varies

06. Control Slides, Lab Use Reagents & Related Products

A control slide should be tested with each specimen batch to ensure proper function of the reagent and proper staining technique. Slides are provided in individually sealed foil pouches containing desiccant.

Control Slides

All slides include a data sheet.

Product Description	Cell Line Used	Used with...	Qty./Pk	Cat. No.
Adenovirus Control Slides (5) Adenovirus antigen control slides containing one adenovirus-infected (positive) well and one uninfected (negative) well.	A549	3105, 3110, 3130 3299, 3277	5 slides	5009-5
Cytomegalovirus (CMV) Control Slides (5) CMV antigen control slides containing one CMV-infected (positive) and one uninfected (negative) well.	MRC-5	3135, 3245	5 slides	5027-5
Human Metapneumovirus (hMPV) Control Slides (5) hMPV antigen control slides containing one Subtype A1 (positive) and one Subtype B1 (positive) and one uninfected (negative) well.	LLC-MK2	3124, 5091, 6001, 6002	5 slides	5092-5
HSV Control Slides (5) hMPV antigen control slides containing one Subtype A1 (positive) and one Subtype B1 (positive) and two uninfected (negative) wells.	HEp-2	3291, 3293, 3295	5 slides	5093-5
Influenza A, B Control Slides (5) Influenza A & B antigen control slides containing one well each of Influenza A & B-infected cells and one uninfected (negative) well.	MDCK	3105, 3110, 3121, 3123, 3137	5 slides	5010-5
Measles Control Slides (5) Measles antigen control slides containing one Measles-infected (positive) well and one uninfected (negative) well.	HEp-2	3187	5 slides	5031-5
Mumps Control Slides (5) Mumps control slides containing one mumps-infected (positive) well and one uninfected (negative) well.	HEp-2	3140	5 slides	5029-5
Parainfluenza 1, 2, 3 Control Slides (5) 6-well Parainfluenza 1, 2, 3 control slides containing three infected (positive) wells and three uninfected (negative) wells.	LLC-MK2	3105, 3110, 3120, 3297, 3127, 3299	5 slides	5011-5
Parainfluenza 4 Control Slides (5) Parainfluenza 4 antigen control slides containing one parainfluenza 4-infected (positive) well and one uninfected (negative) well.	LLC-MK2	5033, 5034	5 slides	5098-5
Respiratory Syncytial Virus Control Slides (5) RSV antigen control slides containing one RSV-infected (positive) well and one uninfected (negative) well.	Hep-2	3105, 3110, 3125	5 slides	5012-5
Respiratory Control Slides (10) 8-well respiratory viral control slides containing seven positive wells, each infected with a different respiratory virus (adenovirus, influenza A, influenza B, parainfluenza1, parainfluenza 2, parainfluenza 3, and respiratory syncytial virus) and one uninfected (negative) well.	A549, HEp-2, MDCK, LLC-MK2	3107, 3137, 3296, 3296-3ML	5 slides	5071-10
Varicella-Zoster Virus Control Slides (5) VZV antigen control slides containing one VZV-infected (positive) well and one uninfected (negative) well.	MRC-5	3430	5 slides	5088-5

Enterovirus Slide Sets

All slides include a data sheet.

Product Description	Cell Line Used	Contained in...	Qty./Pk	Cat. No.
Pan-Enterovirus Control Slides NEW (5) 6-well Pan-Enterovirus control slides. Each slide has 5 positive wells, each containing cells infected with coxsackievirus A9, coxsackievirus B2, echovirus, poliovirus, enterovirus, and one uninfected (negative) well.	RD, A549, BGMK	3460, 3465	5 slides	5069-5
Coxsackievirus A Slide Pkg. (Cox A9, A24, neg. controls) (5) 4-well coxsackievirus A control slides. Each slides has two positive wells, each containing cells infected with a different coxsackievirus A (coxsackievirus A9 and coxsackievirus A24) and two uninfected (negative) wells.	RD	5077	5 slides	5076
Coxsackievirus B Slide Pkg. (Cox B1-6, neg. controls) (5) 12-well coxsackievirus B control slides. Each slide has six positive wells, each containing cells infected with a different coxsackievirus B (B1, B2, B3, B4, B5, B6) and six uninfected (negative) controls.	BGMK	5077	5 slides	5075
Echovirus Control Slide Package (Echo 4, 6, 9,11, 30, neg, control) (5) 10-well Echovirus control slides. Each slide has five positive wells, each containing cells infected with a different echovirus (4,6,9,11, and 30) and five uninfected (negative) wells.	A549	5077	5 slides	5074
Enterovirus Slide Pkg. (Enterovirus 70,71, neg. controls) (Enterovirus 70, 71, neg. control) (5) 4-well Enterovirus 70/71 control slides. Each slide has two positive wells, each containing cells ifected with different enterovirus (enterovirus 70 and enterovirus 71) and two uninfected (negative) wells.	RD	5077	5 slides	5066
Poliovirus Slide Pkg. (Polio 1,2,3, neg controls) (Poliovirus 1,2,3, neg. controls) (5) 6-well Poliovirus control slides. Each slide has three positive wells, each containing cells infected with a different poliovirus (poliovirus 1, poliovirus 2, and poliovirus 3) and three uninfected (negative) wells.	BGMK	5077	5 slides	5067

Other Reagents

Product Description	Cell Line Used	Contained in...	Qty./Pk	Cat. No.
Leukocyte Separation Kit (CMV pp65 Dextran) Separation Solution - (5111) LyseStop - (5099) Fixation Solution (5X) - (5113) Permeabilization Solution (5X) - (5115) Phosphate Buffered Solution (PBS) - (5087) Wash Supplement (100X) - (5117)	-	3247	125 mL/ 1 kit	3246
Leukocyte Separation Kit (CMV pp65 NH4CL) Erythrocyte Lysis Buffer - (5122) Fixation Solution (5X) - (5113) Permeabilization Solution (5X) - (5115) Phosphate Buffered Solution (PBS) - (5087) Wash Supplement (100X) - (5117)	-	3247X	125 mL/ 1 kit	3243
Mounting Fluid non-permanent	-		10 mL	5013
Normal Mouse Antibody	-		10 mL	5014
PBS Packet and Tween® 20/Sodium Azide Solution (100X) Contents: 5 packets of PBS and 5 bottles of Tween® 20 solution	-		5 pkg	5015

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