

DFA Respiratory Virus



Detects 8 major respiratory viruses in cell culture or direct specimens

For rapid, sensitive and specific screening and definitive identification of Influenza A, Influenza B, Parainfluenza 1, 2, & 3, Respiratory Syncytial Virus, Adenovirus and Metapneumovirus from direct patient specimens or culture.

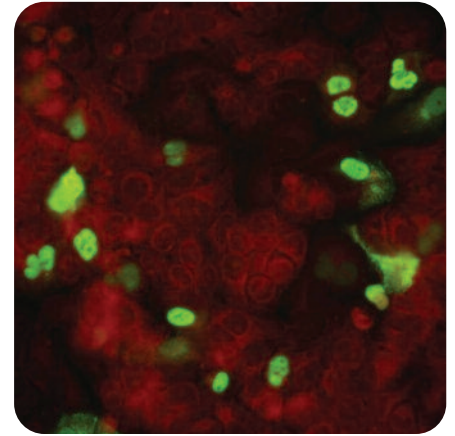
One-Step Direct Detection Kit With A Single 15-Minute Incubation

- Improves workflow and laboratory time to result.

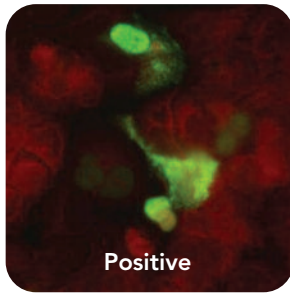
A Complete System Approach

- Optimize your respiratory virus testing using the D³ Ultra 8 DFA Kit with R-Mix or R-Mix Too MixedCells, FLOQSwabs with Universal Transport Medium, virus training panels and control stocks for a complete system approach to respiratory virus detection.

R-Mix cells infected with Influenza A, stained with D³ Ultra 8 DFA Respiratory Virus Screening & ID Kit

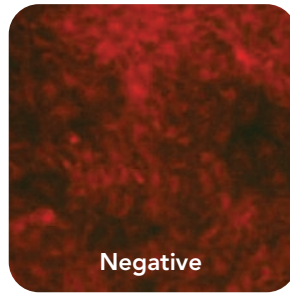


Visual Appearance of Culture POSITIVE vs. Culture NEGATIVE Cells



Positive

Infected or positive cells will demonstrate bright apple green nuclear and/or cytoplasmic fluorescence.



Negative

Uninfected or negative cells will show no apple green fluorescence and will demonstrate a brick red appearance characteristic of counterstaining with the Evans Blue in the D³ reagents.

Quick, Easy and Accurate

- For Direct Specimens and scraped cells, add 1 drop of DFA reagent. For shell vial and multi-well plate monolayers, add 4 drops
- Incubate at 37°C for 15 to 30 minutes in a humidified chamber
- Rinse the stained cells
- Add mounting fluid
- Examine microscopically at 200X to 400X magnification using FITC filter system

Kit and Individual Components

- A multi-virus screening reagent comprised of a pool of FITC-labeled monoclonal antibodies specific for eight respiratory viruses
- Non-immune mouse IgG to identify potential non-specific fluorescence in Direct Specimens
- Eight individual virus-specific monoclonal antibody reagents packaged separately for differential staining
- Wash concentrate sufficient for making one liter of washing solution
- pH-buffered mounting fluid for optimal fluorescence
- Five pre-fixed, ready-to-stain antigen control slides with seven positive wells (one for each of 7 viruses) and a negative well, plus five MPV control slides with one positive and one negative well

Detection Supplies

- 02-477020 Respiratory Viruses Training Panel (24 samples, 0.6 mL fill volume)
- 02-478020 Training Panel (20 samples, 0.6 mL fill volume)

Additional virus controls stocks are available for each organism

R-Mix ReadyCells

F-96-0102-24 24 Shell Vials with coverslip

R-Mix Too ReadyCells

F-97-0102-24 24 Shell Vials with coverslip

R-Mix ReadyCells Media and Rinse

05-370100 ReadyCells: R-Mix Refeed Medium (100 mL)
05-360075 ReadyCells: R-Mix Rinse Buffer (75 mL)

ReadyCells Heat Block

Used for rapid, controlled thawing of ReadyCells

99-610-009 ReadyCell Heat Block (110 volts)
99-610-024 ReadyCell Heat Block (220 volts)

R-Mix FreshFrozenCells

A549 and Mv1Lu Cells

96-00050 Sufficient for 50 vials/wells or 50 13 mm tubes

R-Mix Too FreshFrozenCells

A549 and MDCK Cells

97-00050 Sufficient for 50 vials/wells or 50 13 mm tubes

R-Mix Refeed Medium (RM03T)

For use with R-Mix and R-Mix Too

10-330100 100 mL

FreshFrozenCells Supplies

10-200100 Cell Planting Medium (100 mL)
10-200100EU2 Cell Planting Medium Base
10-200100EU1 Planting Medium Supplement
99-000050 Sterile Shell Vials with Coverslips (50/pkg)

Individual D³ Ultra DFA Reagents

I-01-113010 D³ Ultra 8 DFA Respiratory Virus Screening Reagent (10 mL)
01-013102.v2 D³ Ultra DFA Influenza A Reagent (2 mL)
01-013202.v2 D³ Ultra DFA Influenza B Reagent (2 mL)
01-013302.v2 D³ Ultra DFA RSV Reagent (2 mL)
01-013402.v2 D³ Ultra DFA Adenovirus Reagent (2 mL)
01-013502.v2 D³ Ultra DFA Parainfluenza 1 Reagent (2 mL)
01-013602.v2 D³ Ultra DFA Parainfluenza 2 Reagent (2 mL)
01-013702.v2 D³ Ultra DFA Parainfluenza 3 Reagent (2 mL)
01-035002 D³ DFA Metapneumovirus Reagent (2 mL)

Individual Kit Components

01-014005 Respiratory Viruses Antigen Control Slides (5)
01-014010 Respiratory Viruses Antigen Control Slides (10)
01-00070.v2 hMPV Antigen Control Slides (10)
01-11210 2-Well Specimen Screening Slide with Blotters (100)
01-11220 8-Well Identification Slide with Blotters (100)
01-015010 Normal Mouse Gamma Globulin DFA Reagent (10 mL)
01-001025 Wash Solution Concentrate, 40X (25 mL)
01-002015 Mounting Fluid (15 mL)

D³ Ultra 8 DFA Respiratory Virus Screening & Identification Kit – Cat. #I-01-110000

Includes: Ultra 8 Respiratory Virus DFA Screening Reagent (10 mL), Normal Mouse Gamma Globulin DFA Reagent (10 mL), 40X Wash Concentrate (25 mL), Mounting Fluid (15 mL), identification reagents for: Influenza A DFA Reagent (2 mL), Influenza B DFA Reagent (2 mL), RSV DFA Reagent (2 mL), Adenovirus DFA Reagent (2 mL), Parainfluenza 1 DFA Reagent (2 mL), Parainfluenza 2 DFA Reagent (2 mL), Parainfluenza 3 DFA Reagent (2 mL), Metapneumovirus DFA Reagent (2 mL), Respiratory Virus Antigen Control Slides (5), Metapneumovirus Antigen Control Slides (5)

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