



D³ Ultra
The Power of Direct Detection.

DFA Respiratory Virus



Detects 7 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 and Adenovirus from direct patient specimens or culture.

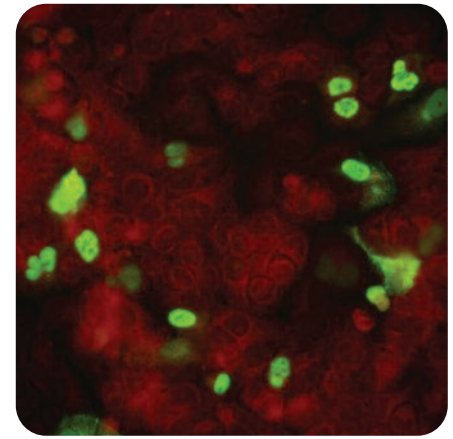
One-Step Direct Detection Kit With A Single 15-Minute Incubation

- Improves workflow and laboratory time to result.

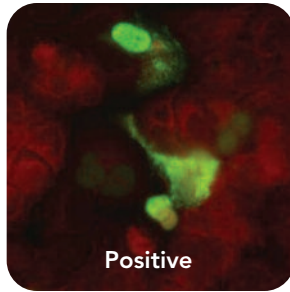
A Complete System Approach

- Optimize your respiratory virus testing using the D³ Ultra DFA Kit with R-Mix or R-Mix Too MixedCells, FLOQSwabs with Universal Transport Medium, and 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 DFA Respiratory Virus Screening & ID Kit

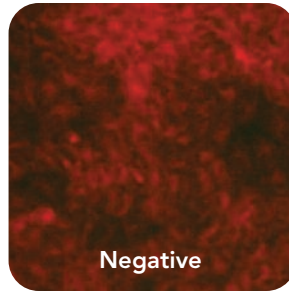


Visual Appearance of Culture POSITIVE vs. Culture NEGATIVE Cells



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. For shell vial monolayers, add 4 drops
- Incubate at 35°C to 37°C for 15 minutes
- Wash stained cells with prepared(1X) wash solution
- 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 seven respiratory viruses
- Non-immune mouse IgG to identify non-specific fluorescence in Direct Specimens that may be associated with certain patient samples
- Seven 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
- Five pre-fixed, ready-to-stain antigen control slides with seven positive wells (one for each virus) and a negative well)

Detection Supplies

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

Additional virus controls stocks are available for each organism

Individual D³ Ultra Reagent Sets

01-010001.v2 D³ Ultra DFA Respiratory Virus Direct Specimen Screening Set (Ideal for Direct Specimen Testing)

Includes: Respiratory Virus DFA Screening Reagent (10 mL), Normal Mouse Gamma Globulin DFA Reagent (10 mL), 40X Wash Solution Concentrate (25-mL), Mounting Fluid (15 mL), Respiratory Virus Antigen Control Slides (5)

01-010002.v2 D³ Ultra DFA Respiratory Virus Shell Vial Screening Set (Ideal for Culture Confirmation)

Includes: Respiratory Virus DFA Screening Reagent (10 mL), 40X Wash Solution Concentrate (25 mL), Mounting Fluid (15 mL), Respiratory Virus Antigen Control Slides (5)

01-010003.v2 D³ Ultra DFA RSV Reagent Set

Includes: Three RSV DFA Reagent (2 mL), 40X Wash Solution Concentrate (25 mL), Mounting Fluid (15 mL), RSV Antigen Control Slides (10)

01-010004.v2 D³ Ultra DFA Influenza A/ Influenza B Reagent Set

Includes: One Influenza A DFA Reagent (2 mL), One Influenza B DFA Reagent (2-mL), 40X Wash Solution Concentrate (25 mL), Mounting Fluid (15 mL), Respiratory Virus Antigen Control Slides (5)

01-010006.v2 D³ Ultra DFA Parainfluenza Reagent Set

Includes: One Parainfluenza 1 DFA Reagent (2 mL), One Parainfluenza 2 DFA Reagent (2 mL), One Parainfluenza 3 DFA Reagent (2 mL), 40X Wash Solution Concentrate (25 mL), Mounting Fluid (15 mL), Respiratory Virus Antigen Control Slides (5)

01-010007.v2 D³ Ultra DFA Respiratory Virus ID Set

Includes: Influenza A DFA Reagent (2 mL), Influenza B DFA Reagent (2 mL), RSV DFA Reagent (2 mL), Adeno DFA Reagent (2 mL), Parainfluenza 1 DFA Reagent (2 mL), Parainfluenza 2 DFA Reagent (2 mL), Parainfluenza 3 DFA Reagent (2 mL), 40X Wash Concentrate (25 mL), Mounting Fluid (15 mL), Respiratory Virus Antigen Control Slides (5)

Individual D³ Ultra DFA Reagents

01-013010.v2 D³ Ultra 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)

Individual Kit Components

01-014005 Respiratory Viruses Antigen Control Slides (5)

01-014010 Respiratory Viruses 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)

01-090025 40X PBS Concentrate (25 mL)

D³ Ultra DFA Respiratory Virus Screening & ID Kit – Cat. #01-010000.v2

Includes: 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 (2 mL), Influenza B (2 mL), RSV (2 mL), Adenovirus (2 mL), Parainfluenza 1 (2 mL), Parainfluenza 2 (2 mL), Parainfluenza 3 (2 mL), Respiratory Virus Antigen Control Slides (5)

SL1702 | SS1670000EN00 (03/17)

