DFA Respiratory Virus

Doses 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.
Visual Appearance of Culture POSITIVE vs. Culture NEGATIVE Cells

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

**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)
- 01-010005.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)

**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)