

Supplemental Information

SUPPLEMENTAL TABLE 2 Prolonged Presence of Rhinovirus RNA: Strain and Viral Load Data

| Case Number and Specimen Collection Date | Cumulative Days | Symptoms | Rhinovirus Type | Rhinovirus RNA Load, log ₁₀ Copies/mL | Additional Respiratory Virus(es) Detected ^a |
|--|------------------------|----------|-----------------|--|--|
| Case 1 | | | | | |
| November 18, 2009 | 0 | N | 76 ^b | 6.64 | |
| December 14, 2009 | 26 | Y | Neg | | |
| December 18, 2009 | 30 | Y | Pos/ND | 2.57 | |
| January 11, 2010 | 54 | Y | 76 ^b | 10.43 | CoV 229E |
| January 13, 2010 | 56 | Y | 76 ^b | ND | CoV 229E |
| February 10, 2010 | 84 | N | Neg | | |
| March 24, 2010 | 126 | N | 2 | 6.30 | |
| Case 2 | | | | | |
| December 10, 2009 | 0 | N | C ^b | 3.57 | CoV 229E |
| January 13, 2010 | 34 | N | Neg | | |
| February 5, 2010 | 57 | Y | C ^b | 7.55 | CoV 229E |
| March 9, 2010 | 89 | N | Neg | | |
| April 6, 2010 | 117 | N | Neg | | |
| May 19, 2010 | 160 | N | Neg | | |
| Case 3 | | | | | |
| February 4, 2010 | 0 | N | A | 3.22 | |
| March 9, 2010 | 33 | N | Neg | | CoV NL63 |
| April 12, 2010 | 67 | Y | Neg | | |
| April 13, 2010 | 68 | Y | 95 | 9.16 | |
| Apr 21, 2010 | 76 (8 ^c) | Y | 95 | 9.01 | |
| May 14, 2010 | 99 | Y | 54 ^b | 7.19 | Ad |
| June 23, 2010 | 139 | Y | 33 | 4.98 | Ad; EV |
| July 19, 2010 | 165 (66 ^c) | N | 54 ^b | ND | |
| Case 4 | | | | | |
| March 16, 2010 | 0 | N | Neg | | |
| April 8, 2010 | 23 | Y | A | 7.98 | Ad |
| May 14, 2010 | 59 | N | Neg | | CoV OC43 |
| June 7, 2010 | 83 | Y | Neg | | BoV |
| June 15, 2010 | 91 | N | Neg | | BoV |
| July 13, 2010 | 119 | N | 30 ^b | 4.70 | |
| August 13, 2010 | 150 (31 ^c) | N | 30 ^b | ND | |
| Case 5 | | | | | |
| April 9, 2010 | 0 | N | Neg | | |
| May 6, 2010 | 27 | N | Neg | | |
| June 15, 2010 | 67 | N | C | 4.31 | |
| July 15, 2010 | 97 | N | A | 5.26 | CoV NL63 |
| August 10, 2010 | 123 | Y | 71 ^b | 3.93 | EV ^d |
| August 11, 2010 | 124 | Y | Neg | | |
| September 14, 2010 | 158 | Y | Neg | | |
| September 20, 2010 | 164 (41 ^c) | Y | 71 ^b | 7.02 | EV ^d |
| Case 6 | | | | | |
| March 1, 2011 | 0 | N | Neg | | |
| March 30, 2011 | 29 | Y | A | 5.19 | hMPV |
| April 1, 2011 | 31 (2 ^c) | Y | A | ND | |
| May 3, 2011 | 63 | Y | Neg | | CoV NL63 |
| May 9, 2011 | 69 | Y | 89 | 3.29 | CoV NL63 |
| May 30, 2011 | 90 | N | C ^b | 0.65 | |
| June 30, 2011 | 121 | N | 77 | ND | |
| July 28, 2011 | 149 (59 ^c) | N | C ^b | ND | PIV1 |
| October 26, 2011 | 239 | N | Neg | | BoV |

SUPPLEMENTAL TABLE 2 Continued

| Case Number and Specimen Collection Date | Cumulative Days | Symptoms | Rhinovirus Type | Rhinovirus RNA Load, log ₁₀ Copies/mL | Additional Respiratory Virus(es) Detected ^a |
|--|------------------------|----------|-----------------|--|--|
| Case 7 | | | | | |
| December 20, 2011 | 0 | N | Neg | | |
| January 19, 2012 | 30 | N | 30 ^b | 5.35 | |
| March 1, 2012 | 72 | N | Neg | | CoV NL63 |
| March 22, 2012 | 93 | N | Neg | | |
| April 19, 2012 | 121 (91 ^c) | N | 30 ^b | 2.84 | CoV NL63; PIV1 |
| May 15, 2012 | 147 | N | Neg | | |
| August 17, 2012 | 241 | N | Neg | | |
| Case 8 | | | | | |
| January 26, 2012 | 0 | Y | 24 ^b | ND | |
| January 27, 2012 | 1 | Y | 24 ^b | 7.49 | |
| February 23, 2012 | 28 | N | Neg | | CoV OC43 |
| March 20, 2012 | 54 | N | 24 ^b | 6.21 | CoV NL63 |
| April 24, 2012 | 89 | Y | 30 | ND | EV ^d |
| April 25, 2012 | 90 | Y | 30 | 5.07 | EV ^d |
| May 16, 2012 | 111 (22 ^c) | N | 30 | 3.52 | EV ^d |
| June 1, 2012 | 127 | Y | Neg | | CoV NL63 |
| June 28, 2012 | 154 | N | Neg | | |

Ad, adenovirus; BoV, bocavirus; CoV, coronavirus; EV, enterovirus; hMPV, human metapneumovirus; ND, not done; N, no; Neg, negative for rhinovirus by qRT-PCR; PIV1, parainfluenzavirus 1; Pos, positive for rhinovirus by qRT-PCR; Y, yes.

^a PCR methods previously described.¹⁵

^b Rhinovirus strains present >30 days.

^c Cumulative days of presence of the same rhinovirus strain.

^d Sequencing identified rhinovirus.