

RSV/Adeno Testing at POC

Respiratory Syncytial Virus (RSV) and Adenovirus are highly contagious. Having test results at Point-of-Care (POC) is critical to prevent spread of infection, and influence clinical management



RSV remains the most common cause of lower respiratory tract infection in children younger than five.¹

33.1

million episodes of RSV LRTI globally²

3.2

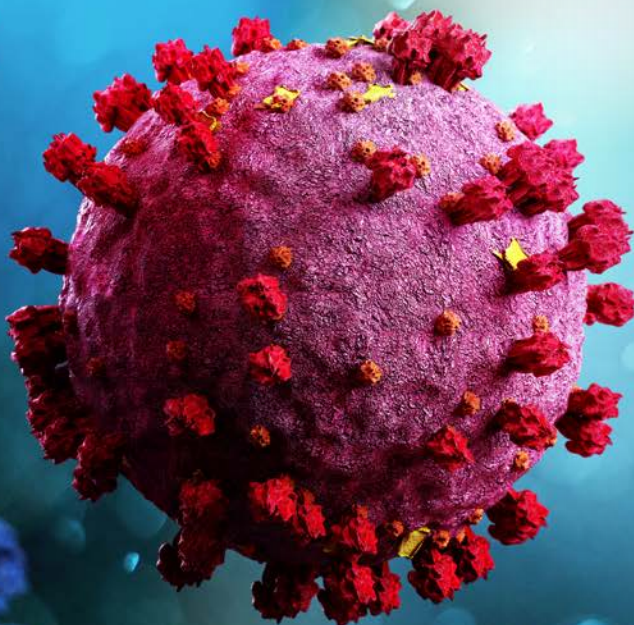
million hospitalizations globally²

118,200

overall deaths globally²

59,600

in-hospital deaths globally²



“More children are likely to be affected by RSV in the future, experts believe, because masks and lockdowns have robbed children of natural immunity against a range of common viruses, including RSV”

The Guardian, 2022.³

RSV/Adeno Testing at POC



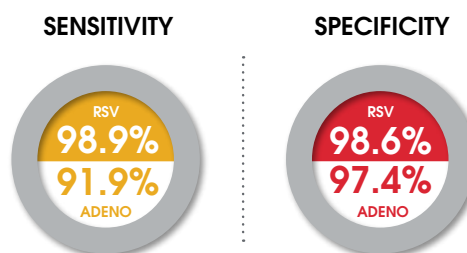
Prognosis

RSV and Adenovirus are associated with mild to severe respiratory infection and are indistinguishable during the acute phases of the illnesses. However, outcome and long-term prognosis are different with both infections⁴

RSV→ Associated with later development of asthma

Adenovirus→ Severe lung damage, bronchiectasis, and hyperlucent lung

One of the only rapid tests on market which can detect RSV and Adeno on one dipstick



OSOM RSV/Adeno Test vs PCR

METHOD	TIME TO RESULTS	DETECT ADENO?	ADDITIONAL INFO
POC RAPID TEST OSOM RSV/ADENO	10 Minutes	Yes 1 Test, 2 Results	Lateral Flow Dipstick Test Opportunity for Test- Talk-Treat
PCR/RT-PCR	Variable as samples are sent to lab for processing	Optional, Additional Test, Additional Time	High cost, labour-intensive, instrument required, batch testing not possible

Ordering Information

	Configuration	Catalog Number
OSOM RSV/ADENO TEST	25 tests per kit	197E
OSOM RSV/ADENO CONTROLS	5-RSV Positive Swabs & 5-ADENO Positive Swabs	198E

1. "RSV Immunity Debt Produces Unintended Consequence." - Precision Vaccinations, Sept. 2022. <https://www.precisionvaccinations.com/2022/09/06/rsv-immunity-debt-produces-unintended-consequence>.
2. Villamil, J.P.S., Polack, F.P. & Buendía, J.A. Disability-adjusted life years for respiratory syncytial virus in children under 2 years. BMC Public Health 20, 1679 (2020). <https://doi.org/10.1186/s12889-020-09796-x>
3. "Respiratory Syncytial Virus Kills 100,000 under-Fives Every Year." The Guardian, Guardian News and Media, 19 May 2022. <https://www.theguardian.com/society/2022/may/19/respiratory-syncytial-virus-under-fives-respiratory-infection-covid>.
4. Diaz, P V et al. "Differential effects of respiratory syncytial virus and adenovirus on mononuclear cell cytokine responses." American journal of respiratory and critical care medicine vol. 160,4 (1999): 1157-64. doi:10.1164/ajrccm.160.4.9804075

SEKISUI Diagnostics GmbH
Umlandstr. 9
D-64297 Darmstadt, Germany
Phone: +49 6151 3598520
Email: info@sekisui-dx.com

SEKISUI Diagnostics (UK) Limited
Liphook Way, Allington,
Maidstone, Kent, ME16 0LQ, UK
Phone: +44 1622 607800
Email: info@sekisui-dx.com



SEKISUI
DIAGNOSTICS
Because every result matters™
sekisuidiagnostics.com