

# RSV by NAAT Test Update

Effective September 15, 2021, Clinical Labs of Hawaii will be transitioning to a new molecular platform as part of our ongoing commitment to excellence. Testing will be performed on the Abbott ID NOW™, a rapid molecular in vitro diagnostic test, utilizing isothermal nucleic acid amplification technology for the detection of respiratory syncytial virus (RSV) viral RNA from patients with signs and symptoms of respiratory infection. It is intended for use as an aid in the diagnosis of RSV in children <18 years and adults >60 years in conjunction with clinical and epidemiological risk factors.

RSV is the single most important cause of severe respiratory illness in infants and young children and the major cause of infantile bronchiolitis. It is also a significant problem in the elderly, especially in persons with cardiopulmonary diseases or who are immunocompromised. The Abbott ID Now™ assay is designed to quickly target both RSV A and RSV B RNA allowing immediate, effective patient management.<sup>1</sup>

Testing will be performed at our Kapiolani, Wilcox, and Hilo Medical Center laboratories daily and can be ordered as a STAT test.

Please note that this test will be a replacement for the RSV antigen test. Compared to the RSV antigen test, the RSV PCR assay has a higher sensitivity and specificity rate:

	Current assay (Antigen)	New assay (NAAT)
Sensitivity	90.0%	98.6%
Specificity	97.0%	97.8%

The new RSV NAAT test collection and order information are below:

<b>SPECIMEN INFORMATION</b>	
Test Code	RSVNOW (3402)
Specimen Requirements	Nasopharyngeal (NP) swab in viral media **contact CLH for RSV NP Kits
Specimen Stability	After collection, 24 hours refrigerated
Performed at	Kapiolani (Oahu), Wilcox (Kauai), Hilo Medical Center
Turn-Around Time	Run daily. Can be ordered STAT.
Methodology	Isothermal nucleic acid amplification
Results	Qualitative
Reference Range	Negative

If you have any questions, please contact our Client Services Department at 808-677-7998 on Oahu or 1-866-281-6816 toll free.

**Thank you for choosing Clinical Labs of Hawaii.**

References:

1. ID NOW RSV Product Insert