



INFLUENZA A/B NAAT Test Update (Test Name Update 1/27/22)

Effective February 1, 2022, 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 that utilizes isothermal nucleic acid amplification technology (NAAT) for the qualitative detection and discrimination of Influenza A and B viral RNA in direct nasal or nasopharyngeal swabs eluted in viral transport media from patients with signs and symptoms of respiratory infection.

Influenza is a highly contagious and acute viral infection of the respiratory tract. It is a communicable disease that is easily transmitted through aerosolized droplets containing live virus. Outbreaks occur each year during the fall and winter months where type A viruses are typically more prevalent and serious than type B.¹ Rapid diagnosis allows immediate and effective treatment decisions which can lead to reduced hospital stays/costs, reduced secondary complications, and allows effective implementation of infection control measures¹².

Test Information:

INFLUENZA A/B NAAT (alias Rapid Flu by NAAT)	
Test Code	FLUNOW (4375)
Specimen Source/Media	Nasal or Nasopharyngeal swab in M4RT viral transport media
Stability after collection	8 hours room temp, 72 hours refrigerated
Performed at	Heights, Kapiolani, Pali Momi, Straub Tilden, Wilcox, Maui, Kona, Hilo, Kau
Turn-around Time	Run daily. Can be ordered STAT.
Methodology	Isothermal nucleic acid amplification
Results	Qualitative
Reference Range	Negative
Sensitivity	Flu A = 92.8% Flu B = 100%
Specificity	Flu A = 98.5% Flu B = 97.7%

Please note, the new NAAT assay will replace the following tests:

Test	Deactivated Test Code	Replacement Test Code
Rapid Flu A/B	INFAG (1260)	FLUNOW (4375)
Rapid Flu A/B Reflex PCR	INFAGX (3467)	FLUNOW (4375)
Rapid Flu Rflx PCR Rflx CoV-2	RFLAGX (4221)	FLUNOW (4375) <u>and</u> COV19P (4142)
Rapid Flu Rflx CoV-2	RFLXCO (4220)	FLUNOW (4375) <u>and</u> COV19P (4142)
Flu PCR	INPCR (3400)	FLUNOW (4375)
Flu A/B PCR Rflx CoV-2	INXCOV (4222)	FLUNOW (4375) <u>and</u> COV19P (4142)

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

Thank you for choosing Clinical Labs of Hawaii.

References:
 1. Williams, KM, Jackson MA, Hamilton M. Rapid Diagnostic Testing for URIs in Children: Impact on Physician Decision Making and Cost. *Infect Med*. 19(3): 109-111, 2002.
 2. Bonner, A.B. et al. Impact of the Rapid Diagnostics of Influenza on Physician Decision-Making and Patient Management in the Pediatric Emergency Department: Results of a Randomized, Prospective, Controlled Trial. *Pediatrics*. 2003 Vol. 112 No. 2