

LIAISON NES[®] (Assay/Download Code: FluA/B RSV COVID19)

LIS Test Build Information - For Educational Purposes Only

Reported Target / Upload Code	Possible Calls	Example Comment
COVID-19	"Positive", "Negative", "Invalid"	<p>The LIAISON NES[®] FLU A/B, RSV & COVID-19 assay is a real-time RT-PCR assay intended for use on the LIAISON NES[®] instrument for the simultaneous in vitro qualitative detection and differentiation of nucleic acid from severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), influenza A (Flu A) virus, influenza B (Flu B) virus, and respiratory syncytial virus (RSV) in anterior nasal swab specimens from individuals with signs and symptoms of respiratory tract infection. Clinical signs and symptoms of respiratory tract infection due to SARS-CoV-2, influenza A, influenza B, and RSV can be similar.</p> <p>The LIAISON NES[®] FLU A/B, RSV & COVID-19 assay is intended for use as an aid in the differential diagnosis of SARS-CoV-2, influenza A, influenza B, and RSV infections when used in conjunction with other clinical and epidemiological information, and laboratory findings. SARS-CoV-2, influenza A, influenza B, and RSV viral RNA are generally detectable in anterior nasal swab specimens during the acute phase of infection. This test is not intended to detect influenza C virus infections.</p> <p>Positive results are indicative of the presence of the identified virus, but do not rule out bacterial infection or co-infection with other pathogens not detected by the test. The agent(s) detected by the LIAISON NES[®] FLU A/B, RSV & COVID-19 assay may not be the definite cause of the disease. Negative results do not preclude SARS-CoV-2, influenza A, influenza B or RSV infection and should not be used as the sole basis for patient management decisions.</p>
Flu_A		
Flu_B		
RSV		

Example HL7 Message Structure

Example Test Result message sent by LIAISON NES[®]:

```
MSH|^~\&|Liaison NES^NES00139|lab139|||20251222154757-0600|admin|OUL^R22^OUL_R22|MSGID0002|P|2.8
PID|1||pat847^^^^PI||^U
SPM|1|^pat847||NSECR^Nasal swab
SAC||SER0001|NES4451
INV|CART^Cartridge^99LIAISONNES|OK^OK Status^HL70383|||||20991230||||LOT123
OBR|1|||^FluA/B RSV COVID19|||20251222154757-0600
OBX|1|ST|^COVID-19||Positive|||||F
OBX|2|ST|^Flu_A||Positive|||||F
OBX|3|ST|^Flu_B||Negative|||||F
OBX|4|ST|^RSV||Invalid|||||F
```

Example LIS Server acknowledgement message:

```
MSH|^~\&|ReplyApp|ReplyLtd|Liaison NES^NES00139|lab139|20251222154757|admin|ACK^R22^ACK|MSGID5679|P|2.8
MSA|AA|MSGID0002
```

Example Comment is for informational use only and should be reviewed by laboratory personnel to ensure it complies with institution, local, state, and federal guidelines and regulations.

For billing codes (CPT or LOINC), please refer to Code Map: codemap.com/diasorin