

BIOHIT COVID-19 Antibody Test Kit



Dedicated to Innovation



The BIOHIT test kit is a **lateral-flow assay** which uses **colloidal gold SARS-CoV-2 recombinant antigen-antibody complexes** to identify IgG/IgM Antibodies in the blood. IgM (acute stage) and IgG (recovery stage) antibodies are generated by the body in response to a viral infection such as the one caused by COVID-19. Lateral flow is an inexpensive, reliable, and fast way to detect specific molecules in the body. Additionally, the tests are extremely easy to interpret and do not require complex and expensive machinery. Bio-hit's test kits were validated in a Yale lab and found to have a sensitivity of 94.9% and a specificity of 98.8%. Additional supporting data is also available from the National Cancer Institute.

- Sensitivity: 97.5%
- Specificity: 99.5%
- Positive Predictive Value (PPV): 97.5%
- Negative Predictive Value (NPV): 99.5%
- Accuracy: 99.1%
- CE certified, NCI validated, FDA EUA authorized
- 25 tests/box

- **Not for Personal Use**
- **Available for Healthcare Professionals & Labs Only**

THIS IS NOT A DIAGNOSTIC TEST



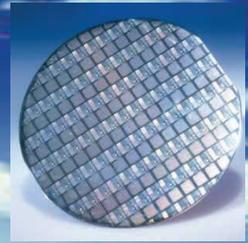
**EUA
AUTHORIZED**



WWW.PPEBUYDIRECT.COM
sales@ppebuydirect.com



Providing Low Cost Sourcing of PPE At the Best Price!

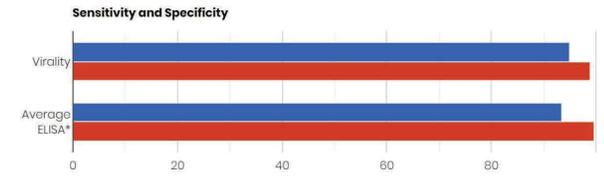
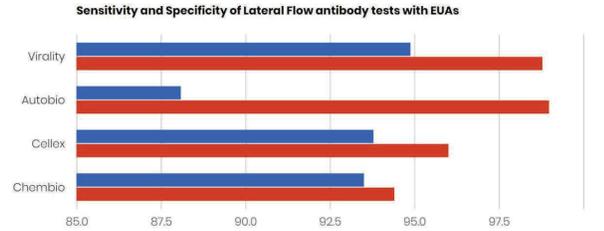


Positive

Negative

Invalid

Interpretation of the results	A	IgM- & IgG-	Normal
	B	IgM+ & IgG-	Suspected, need to test again
	C	IgM- & IgG+	Confirmed or past infection
	D	IgM+ & IgG+	Confirmed, current infection



*Average taken from Abbott, Biorad, Diasorin, Euroimmun, Mount Sinai, Ortho, Roche, and Wadsworth Public Data.

Results

The results are very easy to read, as illustrated by the picture below. A valid test is demonstrated by having a line next to the C, standing for control. Then, having a line next to each the G (IgG) or M (IgM) will denote a positive test while having no line next to either of them will denote a negative test. The different cases for the positive result depend on the stage of infection you are at. Validation data suggests that the results may be read quasi-quantitatively as visual intensity of the bands correlate well with antibody titer.

NOTE: This is a screening test only and may be used for the qualitative detection of the presence of IgM and/or IgG antibody to SARS-CoV-2 in blood.

PPE BUY DIRECT is a Division of **INVAC SYSTEMS INC**, a Global Supplier of Equipment, Spare Parts, Service, and Process for the Solar, Semiconductor, MEMS, and Healthcare Industries.



**PPE DIVISION
US SPARE PARTS
TECHNICAL SALES
Dallas - Texas**



211 N. Dooley Street
Grapevine, TX 76051
(P) +1 817 527 6084

WWW.PPEBUYDIRECT.COM