Platelia SARS-CoV-2 Total Antibody (Emergency Use Authorization)	
Test Description	Qualitative assay for the detection of total antibodies (including IgM/IgA/IgG) to SARS-CoV-2 in human serum and plasma EDTA
Test Use	Aid in identifying individuals with an adaptive immune response to SARS-CoV-2, indicating recent or prior infection
Test Department	Virology/Serology Phone (860) 920-6662, FAX: (860) 920-6661
Methodology	Enzyme-linked Immunosorbent Assay (ELISA)
Availability	Daily, Monday-Friday
Specimen Requirements	1 mL serum, or plasma derived from EDTA
Collection kit/container	Collection kits can be obtained by calling the outfit room, (860) 920-6674 or (860) 920-6675, Monday- Friday, 8:00 AM to 4:00 PM. Requests may also be submitted via e-mail to dph.outfitroom@ct.gov
Collection Instructions	Standard venipuncture. For serum, allow specimens to clot completely before centrifugation.
Specimen Handling & Transport	Store specimen at 2-8°C for testing within 4 days of collection. If there is a delay expected, store specimens at -20°C or lower until delivered to the laboratory. Transport with an ice pack coolant. Avoid temperature extremes.
Unacceptable Conditions	Unlabeled specimen; Improper specimen type; Specimens that have leaked or containers that have broken in transit; Specimens not handled, stored, or transported as described above.
Requisition Form	Clinical Test Requisition (indicate **SARS-CoV-2 antibody**)
Required Information	Name and address of submitter (and/or Horizon profile #) Patient name or identifier, town of residence (city, state, zip), date of birth Specimen type or source, date collected, test requested Please ensure patient name on the requisition matches that on the specimen.
Limitations	Only for use under the Food and Drug Administration's Emergency Use Authorization (EUA) Negative results do not rule out SARS-CoV-2 infection; results obtained with this test should only be interpreted in conjunction with clinical findings, and the results from other laboratory tests and evaluations. Performance characteristics of Platelia SARS-CoV-2 Total Ab have not been evaluated with specimens of serum or plasma originating from newborns or pediatric patients. Assay can detect total antibodies specific to SARS-CoV-1 and to SARS-CoV-2, and cross-reaction is possible with MERS-CoV
Additional Comments	Total antibodies to SARS-CoV-2 are generally detectable in blood several days after initial infection, although the duration of time antibodies are present post-infection is not well characterized.

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