

HOTLINE: Effective February 16, 2021

0050980

Humoral Immunity Panel I

HUMPAN I

Methodology: Quantitative **Immunoturbidimetry**/Semi-Quantitative Multiplex Bead Assay

Specimen Required: Collect: Serum separator tube.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer **5.5 mL serum** to ARUP Standard Transport Tubes. (Min: **2.5 mL** total)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Plasma.

Stability (collection to initiation of testing): After separation from cells: Ambient: **Unacceptable**; Refrigerated: **14 days**; Frozen: **6 months** (avoid repeated freeze/thaw cycles). (Refer to individual components for further information.)

Reference Interval:

Test Number	Components	Reference Interval
0050210	Diphtheria Antibody, IgG	Antibody concentration of > 0.1 IU/mL is usually considered protective.
0050535	Tetanus Antibody, IgG	Antibody concentration of > 0.1 IU/mL is usually considered protective.
0050725	<i>Streptococcus pneumoniae</i> Antibodies, IgG (14 Serotypes)	
0050340	Immunoglobulin A	Effective February 16, 2021 0-2 years: 2-126 mg/dL 3-4 years: 14-212 mg/dL 5-9 years: 52-226 mg/dL 10-14 years: 42-345 mg/dL 15-18 years: 60-349 mg/dL 19 years and older: 68-408 mg/dL
0050350	Immunoglobulin G	Effective February 16, 2021 0-2 years: 242-1108 mg/dL 3-4 years: 485-1160 mg/dL 5-9 years: 514-1672 mg/dL 10-14 years: 581-1652 mg/dL 15-18 years: 479-1433 mg/dL 19 years and older: 768-1632 mg/dL
0050355	Immunoglobulin M	Effective February 16, 2021 0-2 years: 21-215 mg/dL 3-4 years: 26-155 mg/dL 5-9 years: 26-188 mg/dL 10-14 years: 47-252 mg/dL 15-18 years: 26-232 mg/dL 19 years and older: 35-263 mg/dL
0050571	Immunoglobulin G Subclass 1	Effective February 16, 2021 0-2 years: 167-900 mg/dL 3-4 years: 313-941 mg/dL 5-9 years: 363-1276 mg/dL 10-14 years: 316-1076 mg/dL 15-18 years: 325-894 mg/dL 19 years and older: 240-1118 mg/dL
0050572	Immunoglobulin G Subclass 2	Effective February 16, 2021 0-2 years: 55-359 mg/dL 3-4 years: 72-287 mg/dL 5-9 years: 27-398 mg/dL 10-14 years: 86-509 mg/dL 15-18 years: 156-625 mg/dL 19 years and older: 124-549 mg/dL
0050573	Immunoglobulin G Subclass 3	Effective February 16, 2021 0-2 years: 34-85 mg/dL 3-4 years: 25-117 mg/dL 5-9 years: 17-169 mg/dL 10-14 years: 14-201 mg/dL 15-18 years: 34-246 mg/dL 19 years and older: 21-134 mg/dL
0050576	Immunoglobulin G Subclass 4	Effective February 16, 2021 0-2 years: 1-34 mg/dL 3-4 years: 1-65 mg/dL 5-9 years: 0-168 mg/dL 10-14 years: 1-103 mg/dL 15-18 years: 2-170 mg/dL 19 years and older: 1-123 mg/dL