

IgG
SUBCLASSES,
SERUM
/PLASMA

Orderable - IGGSUB

Turnaround Time: 5 days



Laboratory:
Clinical Immunology Lab



Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Turbidimetry



Test Schedule:
Monday – Friday
0800-1600

Alternate Name(s):

IgG fractionation
IgG subtypes
IgG subsets
IgG1
IgG2
IgG3
IgG4

Specimen:

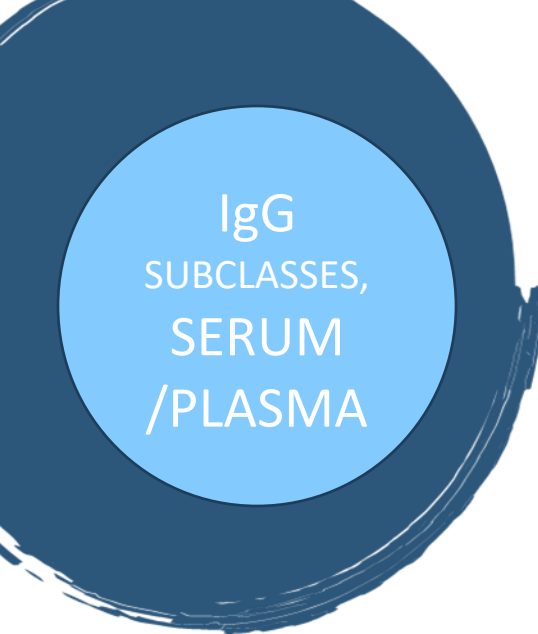
Adult	Pediatric
5 mL Gold top Vacutainer tube	0-2 years: 0.5 mL Red or Gold top Microtainer 2-10 years: 3 mL Red top Vacutainer tube
Light Green (Li-Heparin) or Lavender (EDTA) top tubes are also acceptable	

Collection Information:

Minimum volume of serum required is 500 µL for adult samples or 200 µL for pediatric samples.

Reference Ranges:

Subclass IgG1 g/L:	
0-<2 years:	1.94-8.42
2-<4 years:	3.15-9.45
4-<6 years:	3.06-9.45
6-<8 years:	2.88-9.18
8-<10 years:	4.32-10.20
10-<12 years:	4.23-10.60
12-<14 years:	3.42-11.50
14-<18 years:	3.15-8.55
≥18 years:	3.82-9.29



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Subclass IgG2 g/L:	
0-<2 years:	0.23-3.00
2-<4 years:	0.36-2.25
4-<6 years:	0.61-3.45
6-<8 years	0.44-3.75
8-<10 years:	0.72-4.30
10-<12 years:	0.76-3.55
12-<14 years	1.00-4.55
14-<18 years	0.64-4.95
≥18 years:	2.42-7.00

Subclass IgG3 g/L:	
0-<2 years:	0.19-0.85
2-<4 years:	0.17-0.68
4-<6 years:	0.10-1.22
6-<8 years	0.16-0.85
8-<10 years:	0.13-0.85
10-<12 years:	0.17-1.73
12-<14 years	0.28-1.25
14-<18 years	0.23-1.96
≥18 years:	0.22-1.76

Subclass IgG4 g/L:	
0-<2 years:	0.005-0.784
2-<4 years:	0.010-0.537
4-<6 years:	0.018-1.125
6-<8 years	0.004-0.992
8-<10 years:	0.019-0.932
10-<12 years:	0.016-1.150
12-<14 years	0.037-1.360
14-<18 years	0.110-1.570
≥18 years:	0.039-0.864

Comments:

IgG subclass testing includes IgG1, IgG2, IgG3 and IgG4 as reported values.

Storage and Shipment:

Store and ship serum or plasma refrigerated. Frozen serum or plasma is also acceptable.