

IgG  
SUBCLASSES,  
SERUM  
/PLASMA

## Orderable - IGGSUB

Turnaround Time: 5 days

### Alternate Name(s):

IgG fractionation  
IgG subtypes  
IgG subsets  
IgG1  
IgG2  
IgG3  
IgG4



**Laboratory:**  
Clinical Immunology Lab



**Requisition:**  
GENERAL LABORATORY  
REQUISITION



**Method of Analysis:**  
Turbidimetry



**Test Schedule:**  
Monday – Friday  
0800-1600

### Specimen:

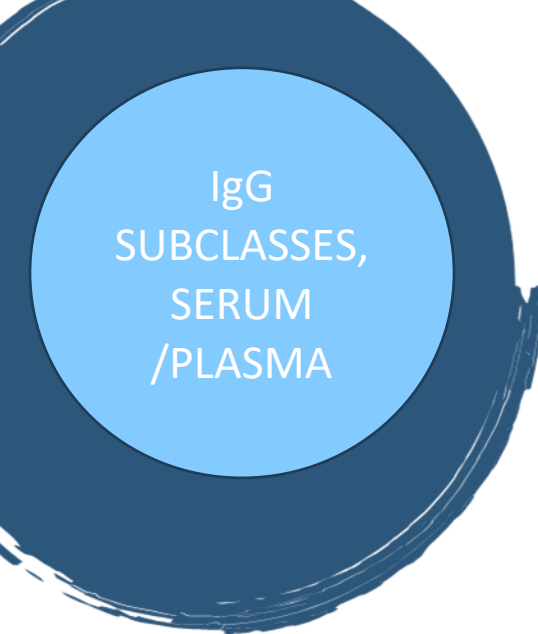
Adult	Pediatric
5 mL Gold top Vacutainer tube	0-2 years: 0.5 mL Red or Gold top Microtainer 2-10 years: 3 mL Red top Vacutainer tube
<b>Light Green (Li-Heparin) or Lavender (EDTA) top tubes are also acceptable</b>	

### 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	0.01-0.78
2-<4 years	0.01-0.54
4-<6 years	0.02-1.12
6-<8 years	0.00-0.99
8-<10 years	0.02-0.93
10-<12 years	0.02-1.15
12-<14 years	0.04-1.36
14-<18 years	0.11-1.57
≥18 years	0.04-0.86

### 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.