

PNEUMOCOCCAL  
ANTIBODY  
TITRE

# Orderable - PNEUMA(Pre), PNEUMB (post), PNEUM

Turnaround Time: 6-8 weeks

## Alternate Name(s):

Anti-Pneumococcal capsular polysaccharide Ab, IgG, serum  
PCP  
ANP  
Pneumococcal Antibody Titre, Pre Vaccine  
Pneumococcal Antibody Titre, Post Vaccine  
Pneumococcal Antibody Titre, Single Sample



**Laboratory:**  
Core Lab



**Requisition:**  
[Biochemistry Immunology  
Requisition \(sickkids.ca\)](#)



**Method of Analysis:**  
VaccZyme Anti-PCP IgG  
enzyme Immunoassay Kit

## Specimen:

Adult	Pediatric
6 mL Red top Vacutainer tube	0-2 years: 0.5 mL Red top Microtainer 2-10 years: 2 mL Red top Vacutainer tube

## Collection Information:

3 mL serum required. Must indicate "pre" or "post".  
Serum from gold top tube not acceptable.  
Minimum volume of serum is 0.5 mL



**Test Schedule:**  
Referred out as required.

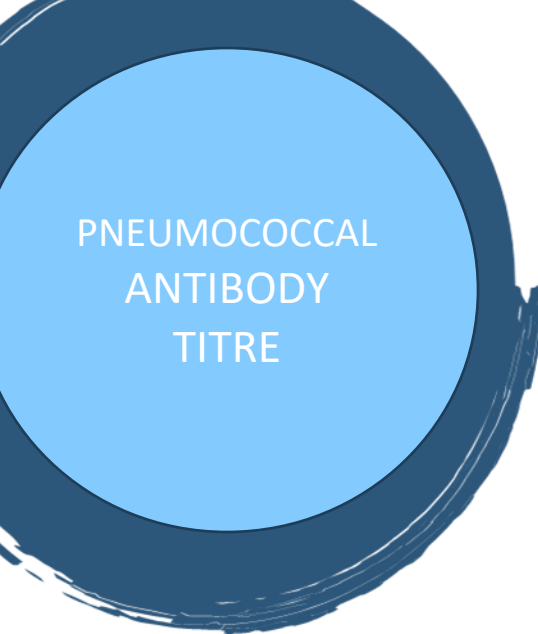


**Referred Out Location:**  
The Hospital for Sick  
Children  
Rapid Response  
Laboratory- Room 3642  
555 University Avenue,  
Toronto, ON  
M5G 1X8  
Canada  
Phone: 416-813-7200  
Toll Free: 1-855-381-3212

**Note:** This test is only available at the request of Dr. Ashley Geerlinks, Dr. Kara Robertson, Dr. April Price, Dr. Mark Kuprowski, Dr. Harold Kim, Dr. Rongbo Zhu and Dr. Samira Jeimy.

## Reference Ranges:

Age (years)	Reference Interval (mg/L)
0.5-<1	0.9-93.0
1-<2	0.9-29.2
2-<3	1.4-110.4
3-<4	0.8-262.1
4-<8	9.2-225.9



8-<12	11.0-320.8
12-<18	8.7-502.6
≥18	10.0-191.2

Schauer U et al. Clinical and Diagnostic Laboratory Immunology. 2003. p202-207.

If the patient received Prevnar, anti-pneumococcal levels reported do not represent a response to polysaccharide antigens. This assay tests anti-pneumococcal antibodies, which detect a mix of various serotypes. It, therefore, cannot exclude poor to no response to one or more specific pneumococcal serotypes.

### Special Processing:

Aliquot serum and freeze.

Write the test in the SickKids Clinical Information/Diagnosis box. If you need both a pre and post vaccine value, please indicate that as well and provide both samples.

### Storage and Shipment:

Freeze serum at -20°C. Ship frozen.