

ANTI  
GLOMERULAR  
BASEMENT  
MEMBRANE  
SERUM

## Orderable - AGBM

Turnaround Time: 3 days      STAT: Testing must be pre-arranged with the Immunology Lab by calling ext. 35541

### Alternate Name(s):

Anti GBM  
Glomerular Basement Membrane, IgG antibody

### Specimen:

Adult	Pediatric
5 mL Gold top Vacutainer tube or 6 mL Red top Vacutainer tube	0-2 years: Red 0.5 mL Microtainer 2-10 years: 3 mL Red top tube
EDTA, Heparin or Citrate plasma are also acceptable	

### Collection Information:

Minimum volume of serum required is 0.5 mL.

### Reference Ranges:

Negative:  $\leq 19$  RU/mL

### Interpretive Comments:

For the detection of IgG class antibodies to NC1 domain of Type 4 collagen found in glomerular basement membrane. Increases may occur in Goodpasture's Syndrome.

### Comments:

A single autoantibody test is not diagnostic and should not be used to determine course of treatment. The test result must be evaluated with consideration of clinical presentation, patient history and other laboratory tests.

### Critical Information Required:

For STAT testing of GBM, a diagnosis for Microscopic polyangiitis, Granulomatosis with polyangiitis (Wegener's granulomatosis), or Goodpasture's syndrome must be provided for testing to commence.



**Laboratory:**  
Clinical Immunology Lab



**Requisition:**  
GENERAL LABORATORY  
REQUISITION




**Method of Analysis:**  
Euroimmun Analyzer I-  
ELISA



**Test Schedule:**  
Routine: Wednesdays and  
Fridays

For STAT samples:  
Availability of STAT testing is 0700-1500 hrs, seven days a week. \*\* Sample must be in Immunology by noon to insure testing is completed by 15:00\*\* STAT testing must be pre-arranged with the Immunology Lab by calling ext. 35541. See "Critical Information Required" section prior to calling.



ANTI  
GLOMERULAR  
BASEMENT  
MEMBRANE  
SERUM

**Storage and Shipment:**

Intercampus – Ship via routine or stat specimen transport. Serum can be stored for up to 4 days at 2 – 8°C. For longer storage, store at -20°C.

Intercity – Freeze and store serum samples at -20°C. Ship on ice packs. Avoid freeze/thaw cycles.