

ASPARTATE  
AMINOTRANSFERASE,  
PLASMA

## Orderable - AST

Turn Around Time: 4 hours

STAT: 1 hour

### Alternate Name(s):

AST

### Specimen:

Adult	Pediatric
4.5 mL Green (Lithium Heparin) top Vacutainer	0-2 years: 0.5 mL Green top Microtainer 2-10 years: 2 mL Green top tube
Serum from a 5 mL Gold top or 6 mL Red top Vacutainer tube is also acceptable	

### Collection Information:

The minimum volume required for pediatric samples is 0.2 mL.

### Reference Ranges:

Male	Female
<40 U/L	<32 U/L

### Interpretive Comments:

Very sensitive but non-specific indicator of hepatocellular damage. Also elevated in cardiac and skeletal muscle damage and erythrocyte disorders. Hemolysis will falsely increase plasma results.

### Comments:

Hemolysis will falsely increase plasma results.



**Laboratory:**  
Core Lab



**Requisition:**  
GENERAL LABORATORY  
REQUISITION



**Method of Analysis:**  
Enzymatic rate



**Test Schedule:**  
As required