

# UREA, PLASMA

## Orderable - U

Turn Around Time: 4 hours

STAT: 1 hour

### Alternate Name(s):

Blood urea

### Specimen:

Adult	Pediatric
4.5 mL Green top Vacutainer tube	0-2 years: 0.5 mL Green top Microtainer 2-10 years: 3 mL Green top tube

### Collection Information:

Collect blood aseptically in a Vacutainer tube.

Minimum volume required for a pediatric sample is 0.2 mL

### Reference Ranges:

Age	Range
Premature:	<2.7 mmol/L
0-5 months:	<7.0 mmol/L
6 months-17 years:	<8.0 mmol/L
18 years-65 years:	<8.3 mmol/L
>65 years:	<11.9 mmol/L

### Interpretive Comments:

Increased in renal failure, dehydration and high protein intake. Urea/Creatinine ratio is normally 50-60:1 and may be increased in hypovolemia or dehydration.

**Note:** Correct terminology is Blood Urea, *not* BUN.



**Laboratory:**  
Core Lab



**Requisition:**  
GENERAL LABORATORY  
REQUISITION



**Method of Analysis:**  
Enzymatic Photometric



**Test Schedule:**  
As required