

**NEW TEST****NOTIFICATION DATE:** February 2, 2018**EFFECTIVE DATE:** February 14, 2018**BETA-2 MICROGLOBULIN (B-2M), URINE**

Test ID: B2MU

**USEFUL FOR:** Evaluation of renal tubular damage and monitoring exposures to cadmium and mercury.

**METHOD:** Automated Chemiluminescent Immunometric Assay

**REFERENCE VALUES:** < or =300 mcg/L

**SPECIMEN REQUIREMENTS:**

**Container/Tube:** Plastic, 5-mL urine tube

**Specimen Volume:** 3 mL

**Minimum Volume:** 1 mL

**Collection Instructions:**

1. Patient should empty bladder.
2. Have patient drink at least 0.5 liters of water.
3. Within 1 hour, collect a random urine specimen.
4. Add 1 M NaOH as preservative to the collection. This preservative is intended to achieve a pH of between approximately 6 and 8.

**SPECIMEN STABILITY INFORMATION:**

Specimen Type	Temperature	Time
Urine	Frozen (preferred)	14 days
	Refrigerated	48 hours

**CAUTIONS:** Degradation of beta-2 microglobulin occurs at pH <6.0. See Specimen Required for necessary collection requirements.

**CPT CODE:** 82232

**DAY(S) SET UP:**

Monday, Wednesday, Friday

**ANALYTIC TIME:** 1 day

**NOTE:** The following referral test code(s) will become obsolete.

Test Name	Test ID	Referral Lab Code	Referral Lab
Beta-2-Microglobulin, Urine	FB2MU	0080432	ARUP Lab