

# Miscellaneous Urine Test Decision Tree

Random (Spot)  
Urine Chemistry Orders  
*Transfer immediately after collection*  
*Invert tube after transfer*

Urine  
Miscellaneous  
Specialty  
Orders

Amylase  
BUN (Urea)  
Creatinine  
Glucose  
Microalbumin  
Potassium  
Protein  
Sodium

Calcium  
Magnesium  
Phosphorus

Uric Acid

Legionella  
Strep pneumo

Osmolality  
hCG

Drug Screen (MedTox)  
without confirmation  
to Quest

5-Hydroxyindoleacetic Acid (5-HIAA)  
Catecholamines  
Citric Acid  
Cortisol  
Homovanillic Acid (HVA)  
Metanephrines  
Myoglobin  
Nicotine  
N-Telopeptide  
Porphyrines  
Vanillylmandelic Acid (VMA)  
Wright Stain for Eos  
  
Protein Electrophoresis & Immunofixation

24 Hour Urine,  
Fem Cath  
Urine &  
Esoteric Urine  
testing

Submit 1  
No-Additive tube  
for any  
combination of  
the tests listed  
above

Submit 1  
No-Additive tube  
for any  
combination of  
the tests listed  
above

Submit 1  
No-Additive tube

Submit 1  
No-Additive tube  
for any  
combination of  
the tests listed  
above

Submit 1  
No-Additive tube  
for any  
combination of  
the tests listed  
above

Submit 1 full  
No-Additive  
tube

Submit 2 No-Additive  
tubes for each of the  
tests listed above

Collect and  
handle  
specimen as the  
current process  
requires,  
no change



**Please Note:** Some of the random (spot) urine chemistry tests listed require additional handling & preservation. If your facility preserves urine specimens for specialized tests, see "Preservation of Specialized Urine Tests"