Lab Dept:	**Urine/Stool**
Test Name:	**KETONES, URINE**

General Information

Lab Order Codes:	UKE
Synonyms:	Urine Ketones; Nitroprusside Reaction for Ketones
CPT Codes:	81003 – Urinalysis, by dipstick; automated, without microscopy
Test Includes:	Screen for urine ketones.

Logistics

Test Indications:	Useful for evaluation of ketonuria, detection of acidosis, ketoacidosis, fasting, starvation, high protein diets, diabetes mellitus, and stress-hormone excess.
Lab Testing Sections:	Urinalysis
Phone Numbers:	MIN Lab: 612-813-6280 STP Lab: 651-220-6550
Test Availability:	Daily, 24 hours
Turnaround Time:	1 hour
Special Instructions:	Submit only one (1) of the following: Catheterized specimen or clean-catch specimen. **Note**: Indicate type of specimen (catheterized) on request form. Date and time of collection are required on request form for processing. Transport specimen to laboratory immediately following collection

Specimen

Specimen Type:	Urine
Container:	Urine cup
Draw Volume:	Entire specimen collection (catheter or clean catch)
Processed Volume:	Minimum: 0.5 mL urine

Collection:	A specimen collected by catheterization is optimal; however, a clean-catch or mid-stream specimen is also acceptable. Random, voided specimens will be accepted, but are the least desirable and are not recommended if a urine culture is also being requested.
Special Processing:	N/A
Patient Preparation:	None
Sample Rejection:	Less than 0.5 mL urine submitted; mislabeled or unlabeled specimen

Interpretive

Reference Range:	Negative
Critical Values:	N/A
Limitations:	Specimens containing large amounts of ascorbic acid or levodopa metabolites, valproic acid, phenozopyridine (Pyridium®), PSP dye, phenylketones or phthalein compounds may cause false-positives.
Methodology:	Multistix®, Nitroprusside reaction
References:	Strasinger SK (1989) Urinalysis and Body Fluids, FA Davis Company Ringsrud KM, et al (1995) Urinalysis and Body Fluids: A Color Text and Atlas, Mosby Brunzel N (1994) Fundamentals of Urine and Body Fluid Analysis, WB Saunders
Updates:	2/23/2012: Acetest is no longer performed as a confirmation of urine ketones.