

# Urine Preservatives

TEST NAME	PRESERVATIVE	Collection/transport temperature
5 HYDROXYINDOLEACETIC (5HIAA)	ACETIC ACID	Refrigerate
ALDOSTERON Random or 24 hr	ACETIC ACID	Refrigerate
AMYLASE Timed 2 hr or 24 hr	NONE*	Refrigerate
CALCIUM Random or 24 hr	NONE OR 5ml 6N HCl	Refrigerate
CATECHOLAMINES FRACTIONATION	ACETIC ACID	Refrigerate
CHLORIDE Random or 24 hr	NONE	Refrigerate
CITRATE and/or OXALATE	ACETIC ACID – preferable to add before collection begins but may acidify within 2 – 3 hours of completion of collection if other non-acid tests are ordered.	Refrigerate
COPPER	NONE	Refrigerate
CORTISOL FREE	BORIC ACID (preferred) OR Acetic Acid	Refrigerate
CREATININE CREATININE CLEARANCE Random or 24 hr	NONE OR 5ml 10% or 30% HCl OR 25 mL of 50% Acetic Acid	Refrigerate
ELECTROPHORESIS (UPEP) Random or 24 hr	NONE*	Refrigerate
GLUCOSE	BORIC ACID (preferred) OR Acetic Acid	Refrigerate
HEAVY METALS	NONE	Refrigerate
HOMOVANILLIC ACID (HVA)	ACETIC ACID	Refrigerate
IMMUNOFIXATION (IFE) Random or 24 hr	NONE*	Refrigerate
IRON	NONE	Refrigerate
LEAD	NONE	Refrigerate
MAGNESIUM Random or 24 hr	NONE OR ACID (5ml 6N HCl)	Refrigerate
METANEPHRINE	ACETIC ACID	Refrigerate
MICROALBUMIN Random or 24 hr	NONE*	Refrigerate
NITROGEN Random or 24 hr	NONE	Refrigerate
NTX (N-Telopeptide) Random or 24 hr	NONE	Refrigerate
OXALATE and/or CITRATE	ACETIC ACID –preferable to add before collection begins but may acidify within 2 – 3 hours of completion of collection if other non-acid tests are ordered.	Refrigerate
PHOSPHORUS Random or 24 hr	NONE OR ACID (5mL 6N HCl)	Refrigerate
PORPHRINS QUANT	SODIUM CARBONATE (NA <sub>2</sub> CO <sub>3</sub> ) - <b>Protect from Light</b>	Refrigerate
POTASSIUM Random or 24 hr	NONE	Refrigerate
PROTEIN, TOTAL Random, 24 hr, or other timed specimens	NONE*	Refrigerate
SODIUM Random or 24 hr	NONE	Refrigerate
UREA NITROGEN Random or 24 hr	NONE	Refrigerate
URIC ACID Random or 24 hr	10 ml 1N NaOH (5%NaOH) – <b>DO NOT</b> refrigerate during collection. <b>Use white collection container</b>	<b>Ambient (Room Temp)</b>
VANILLYLMANDELIC ACID (VMA)	ACETIC ACID	Refrigerate

Tests not listed: Please use the Online Laboratory Catalog or Call 616.774.7721 to talk to a Laboratory Customer Support Representative.

\*Never use a urine specimen collected with a preservative for Amylase, Immunofixation, Protein Total, Microalbumin, or Protein Electrophoresis.