















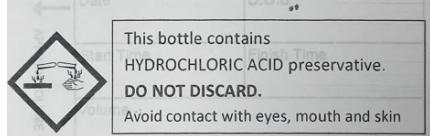




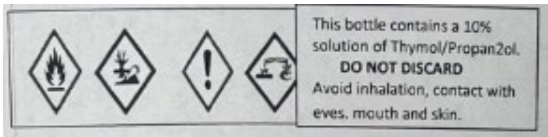










Urine Bottle	Clinical Biochemistry Tests
<p>Yellow top monovette Sarstedt Tube (Plain)</p> 	 Drugs of abuse screening (Amphetamines, Benzos, Cocaine metabolites, methadone metabolites, Opiates, Cannabinoids).  ACR/PCR - Albumin, Total Protein, Creatinine (inc. creatinine clearance with paired Li-Hep sample for plasma creatinine).  Random urine electrolytes – Sodium, Potassium, Chloride & Osmolality  Urine Amylase  Renal Stone Profile 1 (Urine Cystine screen & urinary pH)  Urine Oxalate: Creatinine ratio  Urine Paraquat  Urine Porphyrins (Protect from light)  Urine Trace metals: Urine Arsenic, Cadmium, Chromium, Cobalt, Lead, Mercury, Nickel, Thallium (along with creatinine for metal/creatinine ratio). [NOTE: For Mercury – send urine sample to the Trace Metals Laboratory, RVH immediately].
<p>24 hr Bottle – Plain no additives</p> 	 24 hr Urine Output - Sodium, Potassium, Chloride, Total Protein, Amylase, Urea  Urinary Free Cortisol  Urine 5HIAA [NOTE: Special diet must be adhered to]  24 hr Urine Output for Trace metals: Copper, Lead, Mercury, Iron. [NOTE: For Mercury – Urine should be refrigerated within 4 hours of completion of 24 hr urine collection].
<p>Acidified bottle – 24 hr or random plain universal with acid added</p> 	  Calcium, Magnesium, Phosphate [Random and 24 hr]  Calcium Creatinine Ratio (Calcium and Creatinine analysed) – Random or from 24 hr collection  24 hr – Urine Metanephrines (Adults) and Catecholamines (Random spot urine Catecholamine accepted for Paediatric patients).

<p>Thymol bottle (24 hr) – For metabolic stone work-up and/or Urine Urate</p> 	 <p>Renal Stone Profile 2 (metabolic stone profile – includes urinary urate)</p>  <p>Urine urate (if only urate needed)</p> 
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Sample Tube	Clinical Biochemistry Test
<p>White Top Universal (plain tube)</p> 	 <p>CSF Total Protein, Glucose, Lactate</p>  <p>CSF Albumin & CSF IgG (for Oligoclonal bands– need paired serum gold top also)</p>  <p>CSF Amino Acids</p>  <p>CSF Xanthochromia (NOTE: Must be 3rd/4th sample and protected from light)</p>  <p>Renal Stones - Calculi (Send clean and dry in a sterile container)</p>

NOTE – Sample consolidation information depicted above. Some specialist requests will require a separate sample bottle for ease of processing and to avoid long delays or tests being missed.