

NEW TEST – Available Now

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5-Hydroxyindoleacetic Acid (HIAA) by LC-MS/MS, Random Urine

3018617, HIAA RAND

Specimen Requirements:

Patient Preparation: Patients should abstain, if possible, from medications, over-the-counter drugs, and herbal remedies for at least 72 hours prior to the test. Foods rich in serotonin (avocados, bananas, eggplant, pineapple, plums, tomatoes, walnuts) and medications that may affect metabolism of serotonin must be avoided at least 72 hours before and during collection of urine for HIAA.

Collect: Random urine.

Specimen Preparation: Transfer 4 mL aliquot from a well-mixed random collection to an ARUP standard transport tube. (Min: 1 mL).

Transport Temperature: Refrigerated.

Unacceptable Conditions: Any sample except urine.

Remarks:

Stability: Ambient: Unacceptable; Refrigerated: 1 week; Frozen: 2 months

Methodology: Quantitative High Performance Liquid Chromatography-Tandem Mass Spectrometry

Performed: Sun-Sat

Reported: 1-5 days

Note: Foods and medications associated with altered urinary HIAA results: Decreased HIAA: Aspirin, chlorpromazine (Thorazine), corticotropin, dihydroxyphenylacetic acid, alcohol, gentisic acid, homogentisic acid, hydrazine derivatives, imipramine (Tofranil), isocarboxazid (Marplan), keto acids, levodopa, MAO inhibitors, methenamine, methyldopa (Aldomet), perchlorperazine, phenothiazines (Compazine), promazine, promethazine (Mepergan). Increased HIAA: Acetaminophen, acetanilide, caffeine, coumaric acid, diazepam (Valium), ephedrine, fluorouracil, glyceryl guaiacolate (guaifenesin), melphalan (Alkeran), mephenesin, methamphetamine (Desoxyn), methocarbamol (Robaxin), naproxen, nicotine,

phenacetin, phenmetrazine, phenobarbital, phentolamine,
rauwolfia (Reserpine).

CPT Codes: 83497

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

Reference Interval:

Test Number	Components	Reference Interval
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HOTLINE NOTE: Refer to the Hotline Test Mix for interface build information.