

**5-HIAA (5-HYDROXY INDOLE
ACETIC ACID), RANDOM
URINE
(HPLC)**

5-HIAA

mg/g creatinine

Interpretation

AGE IN YEARS	REFERENCE RANGE IN mg/g creatinine
2-10	< 12
>10	< 10

Comment

5-Hydroxyindole acetic acid (5-HIAA) is a metabolite of neurotransmitter Serotonin. Normally 1-3 % of dietary Tryptophan is metabolized to Serotonin, but in patients with intestinal Carcinoid syndrome, 60% of Tryptophan is converted to Serotonin. Elevated excretion of 5-HIAA is a probable indicator of the presence of serotonin producing tumor. This assay is used in the biochemical diagnosis and monitoring of intestinal Carcinoid syndrome.