

Homovanillic acid

General:

Besides dihydroxyphenylacetic acid (DOPAC), homovanillic acid is the primary metabolic product of dopamine. The catecholamines dopamine, epinephrine as well as norepinephrine and their metabolic products are important in diagnosing tumors of the sympathoadrenal system.

Indication: Suspicion of neuroblastoma

Material: 10 ml urine

Preanalytics: 24 hours collection period, indicate total quantity!

TAT: 7-10 days*

Method: HPLC

Units: mg/24h

Ref.- range: <6.90

Note: If possible the following medication should be stopped 8 days before and during urine collection: methyl dopa, clonidine, guanethidine, reserpine, β blocker, quinidine-containing preparations, ampicillin, erythromycin and tetracycline. The following products must be avoided 2 days before and during urine collection: coffee, black tea, bananas and cheese.

The determination of dopamine in urine is recommended.

For complete list of laboratory test offered at Freiburg Medical Laboratory, please visit <http://www.fml-dubai.com/parameter-listings/>