

# Vanillylmandelic Acid, VMA

## General:

As a reduction product of the catecholamines VMA plays a role in the diagnostics of tumors of the sympatico-suprarenal system.

Material: 10 ml urine

Preanalytics: 24 hour-urine (collected on hydrochloric acid or acetic acid), please indicate total quantity!

TAT: 5-7 days\*

Method: HPLC

Units: mg/24h

Ref.- range: < 6.60

Note: If possible 8 days before and during urine collection the following drugs should be stopped: methyldopa, clonidine, guanethidine, reserpine,  $\beta$ blocker, quinidine containing preparations, ampicillin, erythromycin and tetracyclines. Food to be avoided 2 days before and during urine collection: coffee, black tea, bananas and cheese.

Exclusion of pheochromocytoma: metanephrines, epinephrine and norepinephrine should be identified additionally.

Sensitivity in pheochromocytoma: 69-97 %, neuroblastoma: 71-96 %

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