



## Hydrochloric Acid 10 M in 10 ml vials for 24-hour urine analysis

24-hour urine analysis is common for the detection and diagnosis of tumors as well as the formation of kidney stones. Due to this long period of sampling, the urine must be stabilized.

PanReac AppliChem offers vials with 10 ml of concentrated hydrochloric acid for this function.

This 24-hour urine collection test can provide information on several molecules relevant to diagnosis such as 5-hydroxyindolacetic acid (5-HIAA), catecholamines, metanephrines, homovanilic acid, as well as oxalates and citrates.

The quantification of 5-hydroxyindolacetic acid (5-HIAA), the metabolite of serotonin, is used to diagnose tumours of the small intestine, characterised by a high synthesis of this hormone.

Catecholamines and metanephrines may be indicators of pheochromocytoma, a tumor that is located in the adrenal gland.

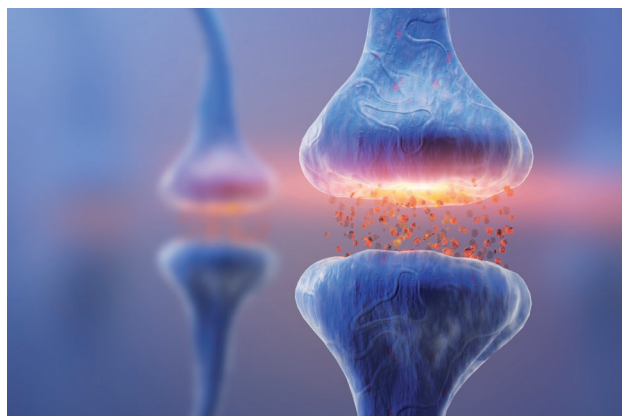
Homovanilic acid is the main metabolite of dopamine and is useful in the diagnosis of neuroblastoma.

Oxalates and citrates are related to the formation of kidney stones.

The acid is added to the urine collection container.

### Application

- General hospitals: pre-analytical unit of the clinical analysis service, biochemistry laboratory
- Small hospitals: clinical analysis service, biochemistry laboratory
- Supervision of analysis laboratory
- Nursing supervision
- Urine practitioner (within clinical analysis)



### Main advantages

- Convenience and quick: vial ready for use with the adequate concentration
- Safety: minimum handling, without exposure to acid vapors



Description	Code	Pack
Hydrochloric Acid 10 mol/l (10N) volumetric solution	187051.0905	100 x 10 ml



IP-047EN;201812

IP-047EN

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