



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.

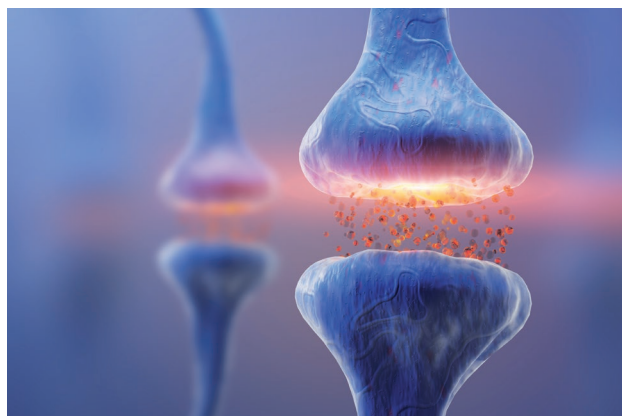
Homovanilic acid is the main metabolite of dopamine and is useful in the diagnosis of neuroblastoma.

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

AppliChem GmbH
Ottoweg 4
DE-64291 Darmstadt
Germany
Phone +49 6151 9357-0
Fax +49 6151 93 57-11
info.de@itwreagents.com

Nova Chimica Srl
Via G. Galilei, 47
I-20092 Cinisello Balsamo
(Milano) Italy
Phone +39 02 66045392
Fax +39 02 66045394
info.it@itwreagents.com

PanReac Química SLU
Garraf, 2
Polígono Pla de la Bruguera
E-08211 Castellar del Vallès
Barcelona (Spain)
Phone +34 937 489 400
Fax +34 937 489 401
info.es@itwreagents.com



www.itwreagents.com