

Client
Gurugram
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Processed By
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Name : Mr. BC258	Billing Date : 07/07/2023 12:11:14
Age : 35 Yrs	Sample Collected on : 10/07/2023 10:01:31
Sex : Male	Sample Received on : 10/07/2023 11:02:13
P. ID No. : P1000100012372	Report Released on : 17/07/2023 18:33:41
Accession No : 10002304428	Barcode No. : 10002304428-01
Referring Doctor : Self	Ref no. :
Referred By :	

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
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BIOCHEMISTRY

# Citrate, 24 Hrs Urine <i>Sample: 24Hrs. Urine</i> <i>Method: "Spectrophotometry"</i>	0.65	0.60 - 4.81	mmol/24hrs
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Citrate, 24 Hrs Urine

Urinary citrate is a major inhibitor of kidney stone formation partly due to binding of calcium in urine. Low urine citrate levels are considered a risk factor for kidney stone formation. Any condition which lowers renal tubular pH or intracellular pH like metabolic acidosis, increased acid ingestion, hypokalemia & hypomagnesemia may decrease citrate levels. This assay is useful for diagnosing risk factors for patients with calcium kidney stones and monitoring results of therapy in patients with calcium stones or renal tubular acidosis.

Causes of Hypocitraturia: • Renal Tubular Acidosis • Treatment with Carbonic anhydrase inhibitors • Malabsorption • Urinary tract infection • High animal protein diet

** End of Report**



Dr. Aarti Khanna Nagpal

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