

Hyperuricemia without gout

URIC ACID	Show test details	RESULT	REFERENCE / UO
OBSERVATION		10.9	4.0-8.0 mg/dL Above high no
URIC ACID			
VENDOR NOTE	Therapeutic target for gout patients: <6.0 mg/dL		



Treatment of hyperuricemia

- High uric acid causes gout, a painful arthritis. Traditionally, high uric acid is not treated with uric acid lowering therapy (ULT) unless needed to control gout.
- Current guidelines advise against ULT in asymptomatic hyperuricemia unless there is symptomatic gout or specific indications; management should focus on lifestyle changes and addressing comorbidities
- Some studies suggest modest reductions in blood pressure with ULT, but the evidence is limited and not sufficient to recommend treatment solely for blood pressure control
- Some analyses report modest improvements in kidney function and reductions in protein spillage by kidneys with ULT, particularly in patients with chronic kidney disease (CKD), but these findings are inconsistent across studies, and the clinical significance of these surrogate endpoints remains uncertain

Reference

KDIGO 2024 Clinical Practice Guideline for the Evaluation and Management of Chronic Kidney Disease Kidney Disease: Improving Global Outcomes (KDIGO) CKD Work Group et al. *Kidney International*, Volume 105, Issue 4, S117 - S314