



Test Definition: KIDST

Kidney Stone Analysis

Reporting Title: Kidney Stone Analysis

Performing Location: Mayo Clinic Laboratories - Rochester Superior Drive

Necessary Information:

Specimen source is required.

Specimen Requirements:

Supplies: Stone Analysis Collection Kit (T550)

Sources: Bladder, kidney, prostatic, renal, or urinary

Specimen Volume: Entire dried calculi specimen

Collection Instructions:

1. Have patient collect specimen using the [Patient Collection Instructions for Kidney Stones](#).
2. For detailed instructions on kidney stone preparation and packaging, see [Kidney Stone Packaging Instructions](#).
3. Prepare stone by cleaning any blood or foreign material from the stone with deionized water.
4. Place stone on a clean filter or paper towel and let dry at ambient temperature for a minimum of 24 hours.
5. **Do not place stone directly in a bag.** If specimen is received in a bag, either transfer stone into a screw-capped, plastic container or place bag containing stone in a screw-capped, plastic container.
6. Indicate source of specimen on the outside of the container (eg, left kidney, bladder, right ureter).
7. Repeat steps 2 through 5 for each stone received.

Specimen Stability Information: Ambient (preferred) 2 years/Refrigerated 1 year/Frozen 1 year

Forms:

If not ordering electronically, complete, print, and send 1 of the following forms with the specimen:

-[Renal Diagnostics Test Request](#) (T830)

-[General Test Request](#) (T239)

Specimen Type	Temperature	Time	Special Container
Stone	Ambient (preferred)		
	Refrigerated	365 days	
	Frozen	365 days	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
KIDST	SRC1	Source:: <ul style="list-style-type: none"> • Bladder • Passed Stone • Prostate • Urethra • Urinary Tract • Kidney • Left Kidney • Right Kidney • Renal • Left Renal 	Answer List	Yes

		<ul style="list-style-type: none"> • Right Renal • Ureter • Left Ureter • Right Ureter 		
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Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
SRC1	Source:	Alphanumeric		31208-2
605761	Kidney Stone Analysis	Alphanumeric		40787-4
605762	Stone Interpretation	Alphanumeric		56119-1
618163	Result Comment	Alphanumeric		77202-0

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

82365

Reference Values:

The presence of a kidney stone is abnormal. A quantitative report will be provided after analysis.