



MEMORANDUM

To: OSF Healthcare Saint Francis Medical Center System Laboratory Customers and Clients
From: OSF Healthcare Saint Francis Medical Center System Laboratory
DATE: 09/19/2017
RE: CASA – Kidney Stone Collection Requirements

Please be advised...

The composition of urinary stones may vary from a simple crystal to a complex mixture containing several different species of crystals. The composition of the nidus (center) may be entirely different from that of the peripheral layers. Eighty percent of patients with kidney stones have a history of recurrent stone formation. Knowledge of a stone's composition is necessary to guide therapy of patients with recurrent stone formation.

When submitting stones for Kidney Stone Analysis, CASA (LAB1936), the following guidelines should be followed to avoid possible rejection or loss of an irretrievable specimen.

Prepare the patient specimen by:

- 1) Cleaning any blood or foreign material from the stone with water.
- 2) Send entire stone. Stone should be air dried thoroughly at room temperature for 24 hours on a tissue or towel and sent in container provided.

Important: Any residual moisture on the stone or in the container will result in a testing delay. A dry stone will not stick to the walls of the container.

- Do not send stone in formalin, surgical gel, or any other liquid as it interferes with the analytical procedure.
- Do not tape specimen to anything. Tape interferes with the analytical procedure.
- Do not send filter.

- 3) If multiple stones are collected and individual testing is desired for each stone, place each stone into its own container. Testing must be ordered separately on each stone. Each test will be charged separately.
- 4) Indicate source of specimen on outside of container (e.g., left kidney, bladder, right ureter).
- 5) Attach a specimen identification label to the container.
- 6) Send at ambient temperature.

If a gross description of the kidney stone is necessary, in addition to Mayo's Kidney Stone Analysis, an order for a Surgical Pathology specimen (LAB1770) needs to be placed with the following comment on the order:

"Kidney Stone to be sent out for analysis."

OSF Healthcare Saint Francis Medical Center System Laboratory thanks you for your time and effort in assuring the highest quality patient care in preparing the specimens by adhering to these guidelines and specifications, ensuring that the patient receives the most accurate test results possible.

For any further questions regarding send out specimens, please contact the OSF Healthcare Saint Francis Medical Center System Laboratory Send-outs Department Lead, Annette Edwards, at 309-624-9074.