



LAB#: U080000-0000-0
PATIENT: Sample Patient
ID: PATIENT-S-00243
SEX: Female
AGE: 53

CLIENT#: 12345
DOCTOR:
Doctor's Data, Inc.
3755 Illinois Ave.
St. Charles, IL 60174

Urine Halides; 24-hour collection

	$\mu\text{g}/\text{mg cr}$	$\text{mg}/24 \text{ hr}$	Reference Range	
Iodine	32	42	0.1- 0.45 $\text{mg}/24 \text{ hr}$	Iodine levels include iodine and iodide oxidized to iodine. Excretion percentage is calculated by dividing the patient's $\text{mg}/24\text{hour}$ Iodine result by the Iodine/Iodide dosage (in mg) recorded on the requisition form, then multiplying by 100.
% Excretion/24 hr		84%		

	$\mu\text{g}/\text{mg cr}$	$\text{mg}/24 \text{ hr}$	Reference Range	
Bromine	2.5	3.2	< 7 $\text{mg}/24 \text{ hr}$	Bromine levels represent total bromine plus bromide, as measured by ICP-MS. Bromide is antagonistic to iodide, and is abundant in commercially produced baked goods, soft drinks, pesticides, brominated chemicals and some medications.

	$\mu\text{g}/\text{mL}$	$\text{mg}/24 \text{ hr}$	Reference Range	
Fluoride	0.81	2	< 1.3 $\text{mg}/24 \text{ hr}$	Fluoride in urine is measured using an ion specific electrode. Fluoride is neurotoxic, compromises integrity of bone, and interferes with iodide metabolism. Primary sources of fluoride include fluoridated water, beverages, toothpaste/mouth washes, dental treatments and some medications.

	Result	Reference Range	
Creatinine	1300	600- 1900 $\text{mg}/24\text{hr}$	Urine Creatinine is used to assess the collection completeness in 24-hour collections. For estimation of glomerular filtration rate (GFR), a Creatinine Clearance test is recommended.

Comments:
 Date Collected: 11/3/2008 Collection Period: 24 Hr/Coll <dl: less than detection limit
 Date Received: 11/4/2008 Volume: 2500 ml **Method:** I, Br by ICP-MS
 Date Completed: 11/14/2008 Loading Test: YES F by ISE
 Loading Dosage: 50 MG Creatinine by Jaffe method

Reference ranges are representative of a healthy population under non-challenge or non-loading conditions.

V04.07