LAB#: U000000-0000-0
PATIENT: Sample Patient
ID: PATIENT-S-00091
SEX: Female
AGE: 64

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

Urine Halides; Pre & Post Loading

Iodine	µg/mg cr	mg/24 hr	Reference Range
Sample 1 PRE	17		0.1- 0.45 µg/mg cr
Sample 2 POST	43	25	0.1- 0.45 mg/24 hr
% Excretion/24 hr		50%	

Iodine levels include iodine and iodide oxidized to iodine. **Excretion percentage** is calculated by dividing the patient's mg/24hour Iodine result by the Iodine/Iodide dosage (in mg) recorded on the requisition form, then multiplying by 100.

Bromine	µg/mg cr	mg/24 hr	Reference Range
Sample 1 PRE	1.7		< 7 µg/mg cr
Sample 2 POST	2.8	8	< 7 mg/24 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.

Fluoride	µg/mL	mg/24 hr	Reference Range
Sample 1 PRE	1.3		< 1.1 µg/mL
Sample 2 POST	1.5	0.86	< 1.3 mg/24 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.

Creatinine	Result	Reference Range
Sample 1 PRE	38	35- 225 mg/dL
Sample 2 POST	570	600- 1900 mg/24hr

Urine Creatinine is used to account for urinary dilution effects in less than 24-hour collections and to assess the collection completeness in 24-hour collections. For estimation of glomerular filtration rate (GFR), a Creatinine Clearance test is recommended.

Comments:

#1 Date Collected: **12/28/2008**	#2 Date Collected: **12/29/2008**	Date Received: **12/30/2008**
#1 Collection Period: **Random**	#2 Collection Period: **24 hr coll**	Date Completed: **12/31/2008**
	#2 Volume: **3000 ml**	<dl: **less than detection limit**
	#2 Loading Dosage: **50 MG**	Method: **I, Br by ICP-MS/ F by ISE Creatinine by Jaffe method**

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

V04.07