LAB#: U000000-0000-0
PATIENT: Sample Patient
ID: PATIENT-S-00001
SEX: Female
AGE: 50

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

Urine Halides; 24-hour collection

	µg/mg cr	mg/24 hr	Reference Range
Iodine	30	31	0.1- 0.45 mg/24 hr
% Excretion/24 hr		62%	

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.

	µg/mg cr	mg/24 hr	Reference Range
Bromine	2.8	2.9	< 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.

	µg/mL	mg/24 hr	Reference Range
Fluoride	0.97	2.1	< 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.

	Result	Reference Range
Creatinine	1050	600- 1900 mg/24hr

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:	**04/02/2014**	Collection Period:	**24 hr**
Date Received:	**04/04/2014**	Volume:	**2200 ml**
Date Completed:	**04/08/2014**	Loading Test:	**YES**
		Loading Dosage:	**50 MG**

<dl: less than detection limit
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