



Patient ID 321	Patient Name IMPLEMENTATION, TEST T	Birth Date 1973-05-01	Sex F	Age 51
Order Number X100472693	Client Order Number X100472693	Ordering Physician UNKNOWN,PROVIDER	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 20 Aug 2024 11:00		

Adrenal Mass Panel, 24 Hr, U

ACC - Clinical Risk	SDL	ACC - Integrated Risk	SDL
5.7 %		87.6 %	
Probability of adrenal cortical carcinoma based on clinical data.		Probability of adrenal cortical carcinoma based on combined clinical and steroid data.	
Other Malignancy - Clinical Risk	SDL	Other Malignancy - Integrated Risk	SDL
37.3 %		7.3 %	
Probability of other malignancy (sarcoma, lymphoma, other) based on clinical data. Risk assignment for other malignancies is not as accurate as for ACC and ACA likelihood.		Probability of other malignancy (sarcoma, lymphoma, other) based on combined clinical and steroid data. Risk assignment for other malignancies is not as accurate as for ACC and ACA likelihood.	
Benign Mass - Clinical Risk	SDL	Benign Mass - Integrated Risk	SDL
57.0 %		5.1 %	
Probability of benign mass (adenoma, myelolipoma, cyst, other) based on clinical data.		Probability of benign mass (adenoma, myelolipoma, cyst, other) based on combined clinical and steroid data.	

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
SDL	Mayo Clinic Laboratories - Rochester Superior Drive	3050 Superior Drive NW, Rochester MN 55905	Nikola Baumann Ph.D.	24D1040592

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Interpretation

☐ SDL

Positive for malignancy - Provided clinical variables and steroid measurements indicate high likelihood of ACC.

ADDITIONAL INFORMATION

Test results cannot be interpreted as absolute evidence for the presence or absence of malignant disease. This test should not form the sole basis for a diagnosis or treatment decisions as results must be interpreted within the clinical context of the patient and should always be used in conjunction with clinical findings.

Comment

☐ SDL

The 24 hour volume of this urine collection is unusually low. To properly screen for the ordered test, renal output of at least 500 mL per day is required. If this is a partial collection, we suggest recollecting the urine for 24 hours.

Age at Diagnosis

50

SDL Tumor Diameter (mm)

38 mm

SDL Collection Duration (h)

24 hr

☐ SDL

Gender

Female

SDL Unenhanced CT (Hounsfield Units)

23

SDL Volume (mL)

1000 mL

☐ SDL

Mode of Discovery

Other

SDL Hormonal Excess

No

☐ SDL

Steroid Analyte	Result(mcg/24 h)	Reference value(mcg/24 h)	Z-score	Performing Site
Androsterone	2662	32.0-10134		SDL
Androsterone Z-score			2	SDL
Etiocholanolone	9188	52.0-10946		SDL
Etiocholanolone Z-score			3	SDL
Dehydroepiandrosterone	185	5.0-10046		SDL
Dehydroepiandrosterone Z-score			1	SDL
16a-OH-Dehydroepiandrosterone	590	5.0-9982		SDL
16a-OH-DHEA Z-score			1	SDL
5-Pregnenetriol	5733	10.0-1901	 High	SDL
5-Pregnenetriol Z-score			4	SDL
5-Pregnenediol	203	5.0-2732		SDL
5-Pregnenediol Z-score			1	SDL

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Steroid Analyte	Result(mcg/24 h)	Reference value(mcg/24 h)	Z-score	Performing Site
Tetrahydro-11-Corticosterone	91.0	14.0-1229		SDL
TH-11-Corticosterone Z-score			-1	SDL
Tetrahydro-11-Deoxycorticosterone	45.5	5.0-123		SDL
TH-11-Deoxycorticosterone Z-score			2	SDL
Pregnanediol	1414	8.0-2138		SDL
Pregnanediol Z-score			3	SDL
17a-OH-Pregnanolone	1468	5.0-571		SDL
17a-OH-Pregnanolone Z-score			4	SDL
Pregnanetriol	5682	26.0-3444		SDL
Pregnanetriol Z-score			4	SDL
Pregnanetriolone	22.4	5.0-348		SDL
Pregnanetriolone Z-score			0	SDL
Tetrahydrodeoxycortisol	538	8.0-801		SDL
Tetrahydrodeoxycortisol Z-score			2	SDL
Cortisol	33.0	9.0-336		SDL
Cortisol Z-score			-1	SDL
6B-OH-Cortisol	95.4	25.0-1365		SDL
6B-OH-Cortisol Z-score			-1	SDL
Tetrahydrocortisol	883	237-14050		SDL
Tetrahydrocortisol Z-score			-1	SDL
5a-Tetrahydrocortisol	210	92.0-12604		SDL
5a-Tetrahydrocortisol Z-score			-2	SDL
B-Cortol	124	29.0-3289		SDL
B-Cortol Z-score			-1	SDL
11B-OH-Androsterone	586	86.0-9280		SDL
11B-OH-Androsterone Z-score			-1	SDL
11B-OH-Etiocholanolone	300	40.0-7002		SDL
11B-OH-Etiocholanolone Z-score			-1	SDL

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Cortisone	36.4	15.0-555		SDL
Cortisone Z-score			-2	SDL
Tetrahydrocortisone	1080	359-24320		SDL
Tetrahydrocortisone Z-score			-1	SDL
a-Cortolone	298	125-17472		SDL
a-Cortolone Z-score			-2	SDL
B-Cortolone	21.8	82.0-5784		SDL
B-Cortolone Z-score			-5	SDL
11-Oxoetiocholanolone	228	78.0-6571		SDL
11-Oxoetiocholanolone Z-score			-2	SDL

Received: 21 Aug 2024 14:14

Reported: 21 Aug 2024 14:27

Laboratory Notes

- 1 This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

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