

Reporting Title: Synthetic Glucocorticoid Screen, S
Performing Location: Rochester

Ordering Guidance:

This method cannot detect the presence of fluticasone propionate in serum. Fluticasone propionate is quickly metabolized to fluticasone 17-beta carboxylic acid in urine. To screen for this metabolite, order 17BFP / Fluticasone 17-Beta-Carboxylic Acid, Random, Urine.

Specimen Requirements:

Collection Container/Tube:

Preferred: Red top

Acceptable: Serum gel

Submission Container/Tube: Plastic vial

Specimen Volume: 2 mL

Collection Instructions: Centrifuge and aliquot serum into a plastic vial.

Specimen Minimum Volume:

1.1 mL

Specimen Type	Temperature	Time	Special Container
Serum	Frozen (preferred)	14 days	
	Refrigerated	7 days	
	Ambient	24 hours	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
23593	Betamethasone	Numeric	mcg/dL	41745-1
23594	Budesonide	Numeric	mcg/dL	41747-7
23595	Dexamethasone	Numeric	mcg/dL	14062-4
23596	Fludrocortisone	Numeric	mcg/dL	41754-3
23600	Megestrol Acetate	Numeric	mcg/dL	41762-6
23601	Methylprednisolone	Numeric	mcg/dL	14186-1
23602	Prednisolone	Numeric	mcg/dL	12727-4

Result ID	Reporting Name	Type	Unit	LOINC®
23603	Prednisone	Numeric	mcg/dL	12434-7
23605	Triamcinolone Acetonide	Numeric	mcg/dL	41767-5

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

80299

Reference Values:

Negative

Cutoff concentrations

Betamethasone: 0.10 mcg/dL

Budesonide: 0.20 mcg/dL

Dexamethasone: 0.10 mcg/dL

Fludrocortisone: 0.10 mcg/dL

Megestrol acetate: 0.10 mcg/dL

Methylprednisolone: 0.10 mcg/dL

Prednisolone: 0.10 mcg/dL

Prednisone: 0.10 mcg/dL

Triamcinolone acetonide: 0.10 mcg/dL

Values for normal patients not taking these synthetic glucocorticoids should be less than the cutoff concentration (detection limit).