MAYO CLINIC
Mayo Medical Laboratories

Test Definition: FCPEP

C-Peptide, Urine (Includes Creatinine)

Reporting Title: C-Peptide, Urine
Performing Location: Esoterix Endocrinology

Specimen Requirements:

50 mL aliquot from a 24-hour well-mixed 24-hour urine collection. No preservative. Refrigerate specimen during collection, and send specimen frozen, on dry ice, in a plastic, 60-mL urine bottle.
Note: 24-Hour volume is required on request form for processing.

Specimen Type	Temperature	Time
Urine	Frozen (preferred)	30 days
	Refrigerated	48 hours
	Ambient	24 hours

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
FCPEP	Z0235	24 hr Urine Volume	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
Z0235	24 hr Urine Volume	Alphanumeric	mL	In Process
Z0261	C-Peptide, Urine	Alphanumeric	ng/mL	13715-8
Z0231	24 hour excretion, C-Peptide	Alphanumeric	ug/24 h	55920-3
Z0232	C-Peptide/Creatinine Ratio	Alphanumeric	ug/g	In Process
Z0233	24 hr Creatinine, Urine	Alphanumeric	mg/24 h	2162-6
Z0234	Creatinine, Urine	Alphanumeric	mg/dL	2161-8

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Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
Billing only	Creatinine, other source	1	82570		
Billing only	C-Peptide	1	84681		

Reference Values:

Reference Range:
C-Peptide, Urine (ng/mL)
Adults 24 h: 29 - 119
Overnight fasting: 15 - 94
3 h post prandial: 13 - 339

24 hour excretion, C-Peptide (ug/24 h)
Adults 24 h: 43 - 175

C-Peptide/Creatinine Ratio (ug/g)
Adults 24 h: 37 - 113
Overnight fasting: 10 - 50
3 h post prandial: 29 - 169

24 hr Creatinine, Urine (mg/24h)
Males 1000 - 2000
Females 800 - 1800

Creatinine, Urine (mg/dL)

Test Performed by: Esoterix Endocrinology
4301 Lost Hills Road
Calabasas Hills, CA 91301