

HOTLINE: Effective September 7, 2021

0070256

Proinsulin, Intact/Insulin Ratio

PRO INS

Specimen Required: Patient Prep: Patient must be fasting for 12-15 hours prior to collection.

Collect: Serum Separator Tube (SST).

Specimen Preparation: Separate from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube and freeze immediately. (Min: 0.8 mL)

Storage/Transport Temperature: **CRITICAL FROZEN.** Separate specimens must be submitted when multiple tests are ordered.

Unacceptable Conditions: Heparinized plasma. Vitreous or I.V. fluids. Hemolyzed specimens.

Stability (collection to initiation of testing): After separation from cells: Ambient: Unacceptable; Refrigerated: 48 hours; Frozen: 2 months (avoid repeated freeze/thaw cycles)

Reference Interval:

Available Separately	Component	Reference Interval
Yes (0070063)	Insulin, Fasting	Effective September 7, 2021 3-25 µIU/mL
Yes (0070112)	Proinsulin, Intact	0-17 years: Not established Effective May 19th, 2014 18 years and older: Less than or equal to 8.0 pmol/L
No	Proinsulin, Intact/Insulin Ratio Calculation	Proinsulin, Intact/Insulin Ratio as Percent: 0-17 years: Not established 18 years and older: 0.8-21.7 percent