

HOTLINE: Effective November 14, 2022

New Test	3005863	Transforming Growth Factor beta1, Plasma	TGFBI PLA
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Methodology: Quantitative Enzyme-Linked Immunosorbent Assay

Performed: Mon

Reported: 1-8 days

Specimen Required: Collect: Lavender (K2 EDTA plasma).

Specimen Preparation: Conventional specimen preparation practices frequently do not fully remove platelets from plasma and contribute to elevated TFG-b measurements. Centrifuge anticoagulated whole blood within 2 hours of collection at 1500g for 10 minutes. Collect plasma and transfer to a fresh tube. Immediately centrifuge plasma at 3000g for 10 minutes. Collect plasma from upper 2/3 of tube without disturbing lower 1/3 of tube and transfer to fresh tube for storage or transport. Separate plasma from cells ASAP or within 2 hours of collection. Transfer 1 mL plasma to an ARUP Standard Transport Tube. (Min 0.3 mL)

Storage/Transport Temperature: **CRITICAL FROZEN. Freeze <-20 C immediately. Separate specimens must be submitted when multiple tests are ordered.**

Unacceptable Conditions: Contaminated, severely hemolyzed, heat-inactivated or grossly lipemic specimens.

Stability (collection to initiation of testing): After separation from cells: Ambient: 30 minutes; Refrigerated: Unacceptable; Frozen: 60 days

Reference Interval: 1654-19951 pg/mL

Interpretive Data:

Results are intended for research purposes or in attempts to understand the pathophysiology of unusual immune or inflammatory disorders.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the U.S. Food and Drug Administration. This test was performed in a CLIA-certified laboratory and is intended for clinical purposes.

CPT Code(s): 83520

New York DOH approval pending. Call for status update.

HOTLINE NOTE: Refer to the Test Mix Addendum for interface build information.