

HOTLINE: Effective November 15, 2021

2004359

Leukocyte Adhesion Deficiency Panel

LAD PAN

Specimen Required: Collect: Green (Na-Heparin) or Purple (K-EDTA)..

Specimen Preparation: Transport 5 mL whole blood. (Min: 1 mL) Specimen must be analyzed within 48 hours of collection.

Storage/Transport Temperature: Room temperature or refrigerated.

Unacceptable Conditions: Clotted or hemolyzed specimens. Frozen specimens.

Stability (collection to initiation of testing): Room temperature and refrigerated: 48 hours

Reference Interval:

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Available Separately	Component	Reference Interval
No	% CD11a	97-100%
No	% CD11b	96-100%
No	% CD15	95-100%
No	% CD18	99-100%

Interpretive Data:

The Leukocyte Adhesion Deficiency Panel measures the receptors CD11a, CD11b, CD15, and CD18 normally found on neutrophils. The percentage of patient neutrophils bearing these receptors is reported. Decreased values outside of the reference interval may correlate with abnormal neutrophil function. For example, CD11 and CD18 are decreased or absent in Leukocyte Adhesion Deficiency (LAD) type I and CD15 is decreased or absent in LAD type II.

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

CPT Code(s): 86356 x 4

HOTLINE NOTE: There is a component change associated with this test.

Add component 3004266, %CD11a