
Lab Dept: Serology

Test Name: ADHERENCE MARKERS, CD11b & CD18

General Information

Lab Order Codes: ADMA

Synonyms: Leukocyte Adhesion Disorders; Adhesion Markers

CPT Codes: 88184 – Flow cytometry; each cell surface, cytoplasmic or nuclear marker; first marker

88185 x4 - Flow cytometry; each cell surface, cytoplasmic or nuclear marker; each additional marker

Test Includes: CD11b and CD18 levels reported as a percent.

Logistics

Test Indications: Aid in confirming recurrent bacterial infection and leukocytosis.

Lab Testing Sections: Serology – Sendouts

Referred to: Cincinnati Children's Hospital Medical Center

Phone Numbers:

Minneapolis: 612-813-6280

Saint Paul: 651-220-6550

Test Availability: **Restricted Draw Times:** To avoid specimen rejection due to limited specimen stability of Adherence Markers testing, collect sample in the afternoon Sunday – Thursday.

Turnaround Time: 2 - 3 days, test set up Monday – Friday

Special Instructions: Specimen must be processed at the reference laboratory within 24 hours of collection.

Specimen

Specimen Type: Whole blood

Container: Lavender top (EDTA) tube

Draw Volume: 2.0 mL (Minimum: 1.0 mL) blood

Processed Volume: Same as Draw Volume

Collection: Routine venipuncture

Special Processing: Lab Staff: **Do Not** centrifuge, maintain specimen at room temperature in original collection tube. Ship by overnight courier to arrive within 24 hours of draw time. **Do Not** refrigerate or freeze. Forward promptly.

Patient Preparation: None

Sample Rejection: Specimen older than 24 hours, mislabeled or unlabeled specimens

Interpretive

Reference Range:	CD11b	≥97%
	CD18	≥97%

Critical Values: N/A

Limitations: N/A

Methodology: Flow cytometry

Contraindications: N/A

References: [Cincinnati Children's Hospital Medical Web Page](http://www.cincinnatichildrens.org)
www.cincinnatichildrens.org April 2009

Updates: 4/13/2009: CPT update, previously reported as 88180. Collect volume update, previously listed as 3.0 mL.