Lab Dept: Serology **LEUKOCYTE ADHESION DEFICIENCY TYPE 1** Test Name: **General Information** Lab Order Codes: LAD1 Synonyms: LAD (Leukocyte Adhesion Deficiency); CD11a; DA11b; CD18; LAD1 **CPT Codes:** 88184 - Flow cytometry; each cell surface, cytoplasmic or nuclear marker; first marker 88185 x2 - Flow cytometry; each cell surface, cytoplasmic or nuclear marker; each additional marker **Test Includes:** CD11a, CD11b and CD18 levels reported as Absent or Normal. Logistics Test Indications: Aid in the diagnosis of LAD-1 syndrome, primarily in patients <18 years of age. Lab Testing Sections: Serology - Sendouts **Referred to:** Mayo Medical Laboratories (Test #: 81155/LAD1) **Phone Numbers:** MIN Lab: 612-813-6280 STP Lab: 651-220-6550 Restricted Draw Times: To avoid specimen rejection due to limited **Test Availability:** specimen stability, collect sample Monday – Thursday morning. **Turnaround Time:** 2 - 4 days, test set up Monday - Friday **Special Instructions:** Specimen must be processed at the reference laboratory within 24 hours of collection. Specimens 48 - 72 hours old will be processed and reported with a disclaimer if expression is absent. Specimen Whole blood **Specimen Type:**

Container:	Lavender top (EDTA) tube

Draw Volume: 5 mL (Minimum: 2 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 same day to arrive at Mayo within 24 hours of draw time. Do not send specimens after Thursday. Do Not refrigerate or freeze. Forward promptly.
Patient Preparation:	None
Sample Rejection:	Specimen older than 72 hours, mislabeled or unlabeled specimens
Interpretive	
Reference Range:	Normal (reported as normal or absent expression of each marker)
Critical Values:	N/A
Limitations:	N/A
Mathadalagu	
Methodology:	Flow Cytometric Immunophenotyping