
Lab Dept: Flow and Immunology

Test Name: SOLUBLE CD163 (SCD163)

General Information

Lab Order Codes: CD163

Synonyms: sCD163

CPT Codes: 83520 - Immunoassay, quantitative, NOS

Test Includes: Soluble CD163 level in ng/mL

Logistics

Test Indications: A new sCD163 method is in effect as of 6/3/2022. sCD163 is now measured by an automated microfluidics immunoassay method. Values of sCD163 measured with the current method generally run 25% lower than when measured with the previous ELISA method.

Lab Testing Sections: Flow Cytometry - Sendouts

Referred to: Cincinnati Children's Hospital (CCO Test: 2902100)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 2 - 3 weeks

Special Instructions: Whole blood must remain at room temperature at all times after collection until received in the lab.

Specimen

Specimen Type: Whole blood

Container: Lavender top (EDTA) tube

Draw Volume: 3 mL (Minimum: 1 mL) blood

Processed Volume: Same as Draw Volume

Collection:	Routine blood collection
Special Processing:	<p>Lab Staff: The reference lab operates Mon-Fri, 8:00am to 5:30pm (EST). Testing is not performed and samples cannot be received on weekends/certain holidays.</p> <p>If test is drawn Monday-Thursday, send as whole blood at room temperature. Ship overnight so specimen can be received at the reference lab within 24 hours of collection.</p> <p>If test is drawn Friday-Sunday, centrifuge specimen and aliquot 0.3 mL EDTA plasma into each of two aliquot tubes (one 0.3 mL plasma aliquot is acceptable). Write EDTA Plasma on label/s. Freeze plasma at -20° C and ship frozen on next business day.</p> <p>First Overnight shipping is strongly recommended. Please call/fax (513-636-4685/513-636-3861) the tracking number so Cincinnati lab may better track the specimen.</p> <p>Whole blood is stable at room temperature for 24 hours. Plasma is stable frozen for 6 months.</p>
Patient Preparation:	None
Sample Rejection:	Whole blood sent frozen or refrigerated; separated plasma sent at room temp or refrigerated; mislabeled or unlabeled specimens; specimens collected in incorrect tube type.

Interpretive

Reference Range:	<p>< 3 years: \leq 1075 ng/mL</p> <p>\geq 3 years: \leq 806 ng/mL</p>
Critical Values:	N/A
Limitations:	This test was developed and its performance characteristics determined by the Cancer and Blood Diseases Institute Clinical Laboratories at CCHMC. It has not been cleared or approved by the FDA. This laboratory is regulated under CLIA as qualified to perform high complexity clinical laboratory testing.
Methodology:	Automated microfluidics immunoassay method
References:	Cincinnati Children's August 2023
Updates:	08/17/2023: Significant change in reference range and methodology, clarified processing instructions, added specimen stability.

