



## ICAM-1 (Intra-Cellular Adhesion Molecule-1) - Chemiluminescence

**Analyte:** Intra-Cellular Adhesion Molecule-1

**Specimen Type:** Serum

**Optimum Volume:** 0.4 mL

**Stability:**

2-8 Degrees C	-20 Degrees C	-70 Degrees C
3 days	3 months	3 months

**Reporting Units:** pg/mL

**Method:** Chemiluminescence

**Biological or Clinical Significance:**

ICAM-1 (Intercellular Adhesion Molecule 1), also known as CD54, binds the leukocyte integrins LFA-1 and Mac-1. The primary function of ICAM-1 is to provide adhesion between endothelial cells and leukocytes after stress or injury. It is a member of the immunoglobulin superfamily of adhesion molecules.

**Principle of Test Method:**

The ICAM-1 assay is a chemiluminescent immunoassay. Assay Range: 7.8 - 8,000 pg/mL.