

Sonicated Human Leukocytes

Catalog No.	CSI14809A CSI14809B	Quantity:	5 mL 25 mL
Alternate Names:	White Blood Cell, WBC, Immune cells		
Description:	Leukocyte is a general term for a white blood cell. Human Leukocytes include lymphocytes, polymorphonuclear leukocytes and monocytes. . Human White blood cells are produced in the bone marrow and help to defend the body against infectious disease and foreign materials as part of the immune system. Human Leukocytosis is very common in acutely ill patients. It occurs in response to a wide variety of conditions, including viral, bacterial, fungal, or parasitic infection, cancer, and exposure to certain medications or chemicals. White blood cells in the urine usually indicate a urinary tract infection.		
Source:	Human plasma		
Protein Concentration:	> 1.0 mg/mL (Coomassie)		
Appearance:	Milky white suspension. May form aggregates due to freeze/thaws.		
Formulation:	Suspension in 154 mM NaCl		
Activity:	5.0 - 6.0 Units/ml (Elastase)		
Unit Definition:	One unit will catalyze the hydrolysis of one micromole of methoxy succinyl-alanine-proline-valine-p-nitroanilide per minute at 37°C and pH 7.5		
Specific Activity:	Report Units/mg protein		
Dipstick Assay:	Siemens Multistix [®] 10 or Roche Chemstrip [®] 10 dipstick Leukocytes: > 2+ Protein: Negative Glucose: Negative Blood: Less than trace		
Storage & Stability:	Store unopened vial below -20°C for 1 year. Upon initial thaw, aliquot and refreeze. Avoid repeated freeze-thaw cycles.		
Origin:	USA		
Non-Infectious Disease Statement:	The donors have been tested and found to be negative for HbsAg, HCV, HIV-1 and 2, Syphilis, and HIV-1 Antigen by currently approved FDA methods. However, because no test method can offer complete assurance that infectious agents are absent, this material should be handled at Bio-Safety Level 2 (BSL 2) as recommended for potentially infectious human serum or blood specimen in the CCD/NIH manual "Biosafety in Microbiological and Biomedical Laboratories", 1999.		

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