

SPECIFICATION

Sonicated Leukocytes Human Leukocytes

GENERAL INFORMATION

Catalogue Number	342-10	Storage Temperature	-20°C
		Storage Note	N/A
		Shipping Note	Dry Ice

PRODUCT INFORMATION

Source	Human leukocytes
Form	Suspension in 154 mM sodium chloride
Appearance	Milky white suspension. May form aggregates due to freeze/thaw.
Elastase	5.0 – 6.0 U/mL
Unit Definition	One unit will catalyze the hydrolysis of one micromole of methoxy succinyl-alanine-alanine-proline-valine-p-nitroanilide per minute at 37°C and pH 7.5.
Protein	Report mg/mL (Coomassie)
Specific Activity	≥ 1.0 U/mg protein
Dipstick Assays	Roche Chemstrip 10 and Siemens Multistix 10
Leukocytes	≥ 2+ (0.9 mL per liter saline)
Protein	Negative
Glucose	Negative
Blood	Less than trace
Manufacture Date	Report
Recertification	Two years from date of manufacture

HANDLING INFORMATION

Handling	Handle as a potentially hazardous substance. Sonicate prior to use to disperse aggregates.
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Non-infectious disease statement: Negative or non-reactive at the donor level for anti-HIV 1 and 2, anti-HCV, HBsAg, NAT HCV, NAT HIV 1, NAT HBV, and syphilis by FDA approved methods. However, because no test method can offer complete assurance that infectious agents are absent, this material should be handled at the Biosafety Level 2 (BSL 2) as recommended for any potentially infectious human serum or blood specimen in the CDC/NIH manual "Biosafety in Microbiological and Biomedical Laboratories", 2009. This material is suitable for laboratory testing, research, or further manufacturing. It is not for administration to humans. We certify this to be true to the best of our knowledge. The statements herein are offered for informational purposes only and are intended to be used solely for your consideration, investigation and verification. The suitability of this product for each application must be determined by each end user.

