

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
Complement C5 deficient serum human – for complement assays

Product Number: C1163

Storage Temperature: -70 °C

TEST	Specification
Activity	≤ 15
Nanograms of purified C5 to yield one C5H50 unit	
Unit definition:	
The C5H50 unit is used to express the complement C5 hemolytic activity using C5 deficient serum. One C5H50 unit is defined as the amount of complement standard serum or sample containing complement C5 to yield 50% lysis of 3x10 ⁷ antibody sensitized sheep erythrocytes when incubated in the presence of the recommended volume of C5 deficient serum for 30 minutes at 37 deg C in a final volume of 500 microliters.	
Background Activity	≤ 0.10
A412 blank reading at the recommended input	
Volume	≤ 40
Microliters, Recommended volume of C5 deficient serum per assay	
Tested For Infectious Agents	Tested

Specification: PRD.1.ZQ5.10000013196

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.