

Human Complement C3-depleted Serum

Catalog No.	CSI20174	Quantity:	1.0 ml
Description:	Normal human serum is depleted of Complement C3 by immunoaffinity chromatography. The product is tested for the absence of C3 activity by classical and alternative pathway functional assays and for C3 protein by double immunodiffusion. C3-depleted serum is certified to possess a functional alternative pathway for complement activation after reconstitution with 1.3 mg C3/ml. Similarly, a functional classical pathway can be reconstituted by addition of purified C3 protein (1.3 mg/mL) indicating that all other complement components necessary for classical and alternative pathway activation are present. Although a functional lectin pathway should also be reconstituted by the addition of C3, the function of this pathway is not tested.		
Concentration:	> 50 mg protein/ml		
Source:	Human Serum		
Formulation:	Sterile filtered serum diluted with PBS, pH 7.2		
Purity:	No C3 detected by immunodiffusion		
Storage & Stability:	Store at -80 °C for up to 1 year. Upon initial thaw, prepare working aliquots and store at -80 °C. Avoid repeated freeze-thaw cycles.		
Statement:	Non-Infectious Disease Certification: Non-reactive for HIV-1/HCV/HBV by NAT; Syphilis, HBcAg, HBsAg, HCV Ab, HIV-1&2 Ab and RPR 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", 2009.		

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