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C4c Human

Complement Component C4c Human
RCP0296

Product Overview

Name	C4c Human
Description	
Complement Component C4c Human	
Synonyms	
Complement C4c, Complement Component C4c, C4c.	
Introduction	
Complement C4c is a degradation product of C4b which is cleaved by C4b/C3b inactivator to yield C4d and C4c. Complement C4c interacts with C1 and C2 to form C3 convertase of the classic activation pathway. Systemic lupus erythematosus (SLE) is often associated with congenital C4 deficiency. Reduced levels of components of the classic pathway (C1, C2, C4, C3) are common after such activation, e.g. in SLE, acute serum sickness and conditions associated with circulating immune complexes.	
Source	
Human Plasma.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The Human Complement C4c solution is in Sodium Phosphate buffer pH 7.0 containing 0.15M NaCl and 0.09% NaN3.	
Stability	
Human C4c although stable at 4°C for 1 week, should be stored at -15°C. Please avoid freeze-thaw cycles.	
Purity	
Greater than 99.0%.	
Human Virus Test	
Plasma from each donor has been tested and found negative for HIV-1 & 2 antibodies, Hepatatis B surface antigen, and Hepatatis C antibodies.	
Precautions	
C4c Human is for research use only and not for use in diagnostic or therapeutic procedures.	