



Human Factor I (DAG4679)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Human Factor I
Antigen Description	Human factor I is purified from normal human serum. Factor I is a naturally glycosylated serine protease which cleaves and inactivates C3b and C4b. Factor I is highly specific but inactive without a cofactor such as the soluble factor H and C4b binding protein.
Species	Human
Purity	> 95% by SDS-PAGE
Conjugate	Unconjugated
Applications	Deficiencies have been treated for acute crises with fresh frozen plasma transfusions as well as fractions of plasma enriched in factor I.
Format	Frozen liquid
Concentration	1.0 mg/ml (see Certificate of Analysis for actual concentration)
Buffer	10 mM sodium phosphate, 145 mM NaCl, pH 7.2
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Responsible for cleaving the alpha-chains of C4b and C3b in the presence of the cofactors C4-binding protein and factor H respectively.
Keywords	CFI; complement factor I; FI; IF; KAF; AHUS3; ARMD13; C3BINA; C3b-INA; C3b-inactivator; C3B/C4B inactivator; complement component I; light chain of factor I; Konglutinogen-activating

factor; complement factor I heavy chain; complement control protein fact
