

HMW Kininogen, single chain (Human)

1.00 mg

Ref#: HHMWK1

Lot#: xxxxxx

Exp. Date: xxxx-xx



Store at +2 to +8°C

For Research Use Only

Not for Use in Diagnostic Procedures

For *in vitro* use only

Description:	HMW Kininogen, single chain (Human)
Format:	Lyophilized in 4 mM sodium acetate-HCl / 0.15 M NaCl / pH 5.2
Host:	Human
Storage:	Store between +2 and +8°C After reconstitution aliquot and freeze at ≤-60°C
Reconstitution:	We recommend hydrating the protein with sterile water to the original volume
Volume:	1 vial containing 0.694 mL
Total Protein:	1.00 mg
Concentration:	1.44 mg/mL before lyophilisation by Absorbance; Extinction Coefficient $E^{1\%}_{280} = 7.01$
Molecular weight:	120,000 daltons

HMW Kininogen is an alpha-globulin with six functional domains synthesized in the liver. It circulates as a 626 amino acid polypeptide. The heavy chain contains domains 1, 2, and 3; the light chain, domains 5 and 6. Domain 4 links the heavy and light chains.

The Single Chain High Molecular Weight Kininogen is >95% single chain.

We suggest hydrating the protein to the original volume with distilled water. After hydration aliquot in plastic material into a useful (one time use) size and freeze at <-60°C.

The above protein was purified from Human plasma that was tested and found negative by FDA accepted methods for Anti-HIV 1/2, Anti-HTLV I & II, HBsAg, Anti-HCV, Syphilis, HBC Ab, HIV-1 p24 Ag or HIV-1 RNA, HCV RNA and HBV RNA. Donors are screened for CJD (Creutzfeld-Jakob Disease).