

Native Fibrinogen (FG)

Catalog # IC8193Hu01

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

[PROPERTIES]

Source: Natural Extract

Organism Species: Homo sapiens (Human)

Host: Human (Plasma)

Tissue Specificity: Plasma, Liver.

Subcellular Location: Secreted.

Purity: >92% as determined by SDS-PAGE.

Purification Methods: Salt co-precipitation and ionic-Exchange chromatography.

Traits: Freeze-dried powder

Buffer Formulation: PBS, pH7.4, containing 1mM DTT, 5% Trehalose and Proclin300.

Original Concentration: 200ug/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

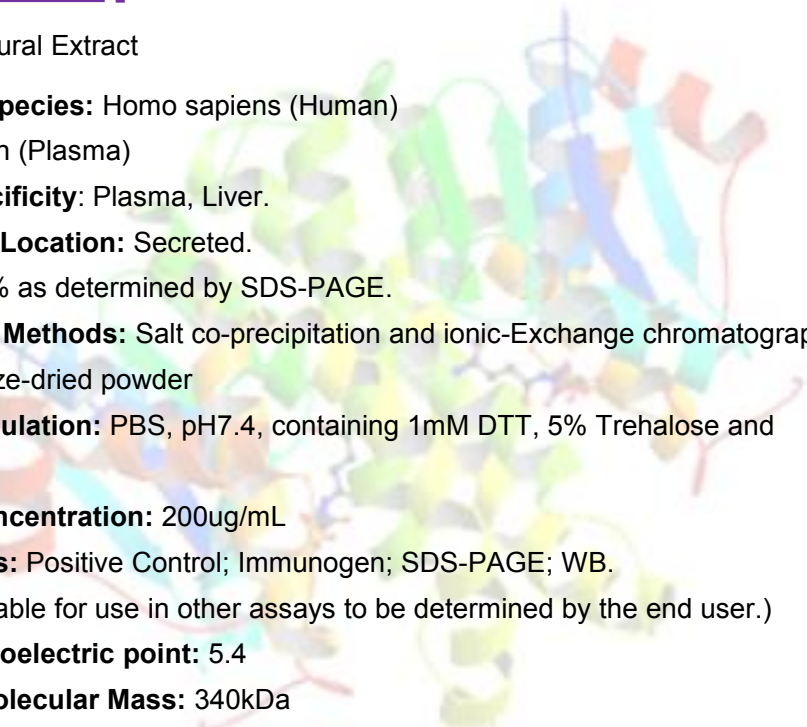
Predicted isoelectric point: 5.4

Accurate Molecular Mass: 340kDa

Observe Molecular Mass: 70&56&52kDa

Phenomenon explanation:

Fibrinogen is an abundant plasma protein (5-10uM) produced in the liver. The intact protein has a MW of 340kD. It is composed of 3 pairs of disulfide-bound polypeptide chains named Aalpha, Bbeta and gamma, with the weights of 70kDa, 56kDa, 52kDa, respectively.



[USAGE]

Reconstitute in PBS (PH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

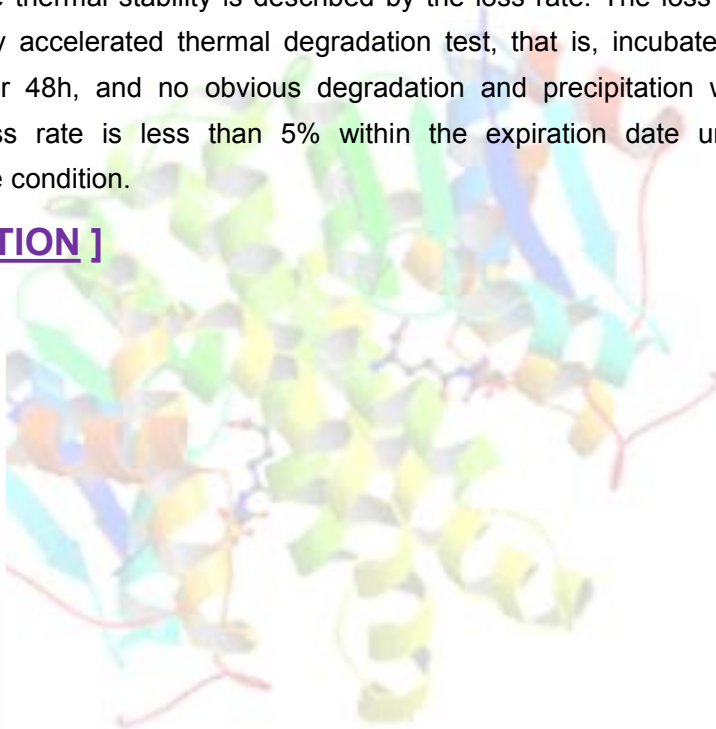
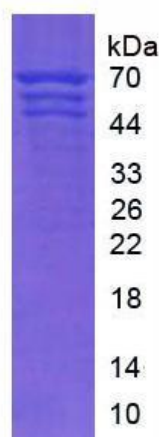


Figure 1. SDS-PAGE

