

product **AS00 001**
FVIIa | Coagulation factor VIIa (250 µg)

product information

background	Factor VIIa (FVIIa) is a key serine protease involved in the initiation of the coagulation cascade. FVIIa requires tissue factor (TF), a membrane bound protein, as an essential cofactor for maximal activity towards its biological substrates Factor X, Factor IX and Factor VII (FVII).
immunogen	recombinant human Factor VIIa (NovoSeven [®] , Novo Nordisk A/S Denmark)
antibody format	rabbit; polyclonal; affinity purified total IgG in PBS pH 7.4; lyophilized
quantity	250 µg - for reconstitution add 250 µl of sterile water
storage	store lyophilized/reconstituted at -20 °C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them, to avoid any losses that might occur from liquid material adhering to the cap or sides of the tubes.
tested applications	prothrombin assay with human plasma (PT), thrombin generation assay, inhibition assay with Factor VIIa with TF and a chromogenic substrate, indirect ELISA (I-ELISA)
additional information	no significant difference in binding to Factor VII and Factor VIIa

application information

recommended dilution	1: 15 000 (I-ELISA)
expected apparent MW	52 kDa
confirmed reactivity	human
predicted reactivity	primates
not reactive in	no confirmed exceptions from predicted reactivity known in the moment
additional information	to be added when available
selected references	to be added when available