



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# Rat coagulation factor ??,F?? ELISA Kit

<b>Product Code</b>	CSB-E10122r
<b>Abbreviation</b>	F13A1
<b>Protein Biological Process 1</b>	Blood Coagulation
<b>Target Name</b>	coagulation factor XIII, A1 polypeptide
<b>Uniprot No.</b>	O08619
<b>Alias</b>	RP11-232H4.1, F13A, FSF, A subunit TGase bA525O21.1 (coagulation factor XIII, A1 polypeptide) coagulation factor XIII A1 subunit coagulation factor XIII, A polypeptide factor XIIIa fibrin stabilizin coagulation factor ??,F?? coagulation factor 13,F13
<b>Product Type</b>	ELISA Kit
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Protein Biological Process 3</b>	Blood coagulation
<b>Assay Time</b>	1-5h
<b>Sample Volume</b>	50-100ul
<b>Detection Wavelength</b>	450 nm
<b>Lead Time</b>	3-5 working days
<b>Research Area</b>	Blood Coagulation
<b>Gene Names</b>	F13a1
<b>Tag Info</b>	quantitative
<b>Protein Description</b>	Sandwich
<b>Target Details</b>	<p>This gene encodes the coagulation factor XIII A subunit. Coagulation factor XIII is the last zymogen to become activated in the blood coagulation cascade. Plasma factor XIII is a heterotetramer composed of 2 A subunits and 2 B subunits. The A subunits have catalytic function, and the B subunits do not have enzymatic activity and may serve as plasma carrier molecules. Platelet factor XIII is comprised only of 2 A subunits, which are identical to those of plasma origin. Upon cleavage of the activation peptide by thrombin and in the presence of calcium ion, the plasma factor XIII dissociates its B subunits and yields the same active enzyme, factor XIIIa, as platelet factor XIII. This enzyme acts as a transglutaminase to catalyze the formation of gamma-glutamyl-epsilon-lysine crosslinking between fibrin molecules, thus stabilizing the fibrin clot. It also crosslinks alpha-2-plasmin inhibitor, or fibronectin, to the alpha chains of fibrin. Factor XIII deficiency is classified into two categories: type I deficiency, characterized by the lack of both the A and B subunits; and type II deficiency, characterized by the lack of the A subunit alone. These defects can result in a lifelong bleeding tendency, defective wound healing, and habitual abortion.</p>



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**Product Precision**

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**Linearity**

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**Recovery**

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**Typical**