



## CERTIFICATE OF ANALYSIS HUMAN PROTEINS

### Human Kallikrein

<b>Product code:</b>	<b>P534-3</b>
<b>Batch No:</b>	
<b>Product presentation:</b>	Single homogenous batch, supplied frozen in 20mM TRIS-HCl buffer, pH 7.8, containing 0.1M NaCl.
<b>Purity:</b>	Nominally > 95% by SDS-PAGE.
<b>Source material:</b>	Human plasma. Starting material tested and found negative for HIV I & II antibodies, Hepatitis B surface antigen and Hepatitis C antibodies.
<b>Unit definition:</b>	One unit is defined as the amount of enzyme that will hydrolyse 1 umole of D-Pro-Phe-Arg-pNA (Chromogenix S-2303) per minute at 25°C, pH 7.8.
<b>Storage:</b>	Store below -15°C.

### Analysis

### Specifications

### Results

SDS-Polyacrylamide Gel Electrophoresis.

Band corresponding to molecular weight of Kallikrein

Total protein concentration as determined by optical density at 280nm using  $E_{0.1\%}^{1\text{cm}} = 1.06$ .

>0.1 mg/ml.

mg/ml.

Enzyme activity.

≥15 units/mg.

units/mg.