Sandwich Enzyme Immunoassay Kit
Enfuvirtide

Catalog No : SEK 0140-01

Background :
Enfuvirtide (T20) is an HIV fusion inhibitor, the first of a novel class of antiretroviral drugs used in combination therapy for the treatment of HIV-1 infection (AIDS). It is marketed under the trade name Fuzeon. A reserve, for "salvage" therapy in patients with multi-drug resistant HIV.

Kit application: SEK Enfuvirtide is a 96 wells sandwich immunoassay Kit. It can apply for the analysis of enfuvirtide in serum, plasma, or tissue extracts in pharmacokinetics, peptide delivery study and other purposes. It is for research use only.
Application Note : Room Temperature, 3 hours assay, 100ul sample size

Storage : 2 – 5°C

Detection Method : Colorimetric

Range : 0.01 – 1000 ng / ml
ED<sub>20</sub> : 0.05 ng /ml
ED<sub>80</sub> : 87 ng / ml

Specificity :
Enfuvirtide 100%
Typical Data

![SEK 0140-01 Enfuvirtide Standard Curve](image)

4-P Fit: $y = \frac{(A - D)}{1 + \left(\frac{x}{C}\right)^B} + D$

<table>
<thead>
<tr>
<th>STD#1 (Standards: Conc vs AvgOD)</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>$R^2$</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.163</td>
<td>0.635</td>
<td>0.136</td>
<td>1.34</td>
<td>0.997</td>
</tr>
</tbody>
</table>

*Curve Fit Option - Fixed Weight Value*

These standard curve is provided for demonstration only. A standard curve should be generated for each set of samples assayed.