

## CERTIFICATE OF ANALYSIS

<b>Catalog #:</b>	VTI360	<b>Lot #:</b>	M43546022
<b>Description:</b>	HIV-2 gp36 Antigen, Recombinant Recombinant ecto-domain of HIV-2 gp36		
<b>Source:</b>	<i>Pichia pastoris</i> Product manufactured in the United States using materials processed in U.S. facilities. No material of animal origin.		
<b>Format:</b>	Purified Liquid	<b>Exp. Date:</b>	22 JUL 2027
<b>Protein Concentration:</b>	Bradford Protein Assay: Acceptable Range: 1.0 – 3.0 mg/mL Testing Results: 1.37 mg /mL Testing Results: Pass	<b>DOM:</b>	22 JUL 2022
<b>Identity:</b>	SDS-PAGE followed by Coomassie staining must demonstrate a major band migrating in the region of 12 – 14 kDa. Comparable to reference standard. Testing Results: Pass  Immunospecificity verified by Western Blot. Results of Western Blot attached.		
<b>Purity:</b>	SDS-PAGE (Reduced, 5 µg load) Acceptable Range: To Report Testing Results: 97.1 %		
<b>Buffer:</b>	6M Urea, 0.5M Sodium Chloride, 0.02M Tris-HCl, pH 7.4 – 7.8		
<b>Preservative:</b>	None		
<b>Applications:</b>	Each laboratory should determine an optimum working titer for use in its particular application		
<b>Storage:</b>	Store at ≤ -65°C. Avoid multiple freeze/thaw cycles		
<b>Safety Note(s):</b>	Refer to the appropriate Safety Data Sheet (SDS) for additional information		

Quality Signature:



31 AUG 2022

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**