

Human Papillomavirus type 18 E7 protein, His tag

Cat. No. GTX133412-pro

Applications	ELISA, Lateral Flow	Package 100 μg
Species	Human papillomavirus type 18	

Applications

Application Note

Recommended antibody pairs for sandwich ELISA:

 $Capture: GTX638883, Detection: GTX634337 \ or \ Capture: GTX634337, Detection: GTX638883.$

Recommended antibody pairs for Lateral Flow:

Capture: GTX638883 / GTX639656, Detection: GTX634337 or Capture: GTX638883, Detection: GTX634337 / GTX639657.

Properties		
Form	Liquid	
Buffer	PBS, 0.1% SDS	
Preservative	No preservatives	
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. For long-term storage after reconstitution, aliquot and store at -70°C or below. Do not vortex.	
Concentration	3 mg/ml (Please refer to the vial label for the specific concentration.)	
Region/Sequence	Full length protein of Human Papilloma virus type 18 E7 protein	
Expression System	E. Coli	
Purity	>95%	
Conjugation	Unconjugated	
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.	
Note	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.	

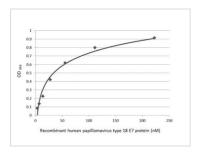


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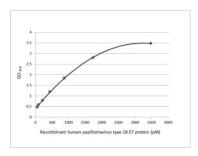
DATA IMAGES



GTX133412-pro ELISA Image

Sandwich ELISA detection of recombinant Human Papillomavirus type 18 E7 protein, His tag (GTX133412-pro) using antibodies as below.

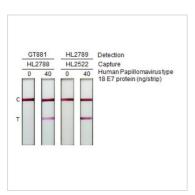
Capture: Human Papillomavirus type 18 E7 antibody [HL2522] (GTX638883) (5 μ g/mL) **Detection:** Human Papillomavirus type 18 E7 antibody [GT881] (GTX634337) (1 μ g/mL)



GTX133412-pro ELISA Image

Sandwich ELISA detection of recombinant Human Papillomavirus type 18 E7 protein, His tag (GTX133412-pro) using antibodies as below.

Capture: Human Papillomavirus type 18 E7 antibody [HL2522] (GTX634337) (5 μg/mL) **Detection:** Human Papillomavirus type 18 E7 antibody [HL2522] (GTX638883) (1 μg/mL)



GTX133412-pro Lateral Flow Image

Detection of Human Papillomavirus type 18 E7 protein by lateral flow assay using the indicated recombinant monoclonal antibodies.

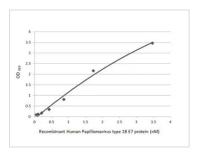
GT881: Human Papillomavirus type 18 E7 antibody [GT881] (GTX634337)

HL2788 : Human Papillomavirus type 18 E7 antibody [HL2788] (GTX639656)

HL2789: Human Papillomavirus type 18 E7 antibody [HL2789] (GTX639657)

HL2522: Human Papillomavirus type 18 E7 antibody [HL2522] (GTX638883)

Samples (40 ng): Recombinant full-length Papillomavirus type 18 E7 protein



GTX133412-pro ELISA Image

Indirect ELISA analysis was performed by coating the plate with recombinant Human Papillomavirus type 18 E7 protein, His tag (GTX133412-pro) (3.47-0.05 ng/mL). Coated protein was probed with Human Papillomavirus type 18 E7 antibody [HL2789] (GTX639657) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.



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