

# Human Papillomavirus type 18 E7 protein, His tag

**Cat. No. GTX133412-pro**

<b>Applications</b>	ELISA, Lateral Flow
<b>Species</b>	Human papillomavirus type 18

**Package**  
100 µg

## 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

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 0.1% SDS
<b>Preservative</b>	No preservatives
<b>Storage</b>	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.
<b>Concentration</b>	3 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Region/Sequence</b>	Full length protein of Human Papilloma virus type 18 E7 protein
<b>Expression System</b>	E. Coli
<b>Purity</b>	>95%
<b>Conjugation</b>	Unconjugated

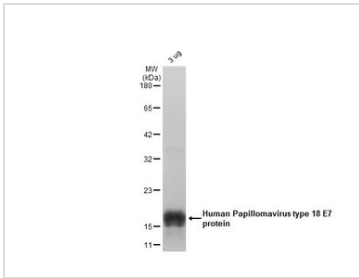
### Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

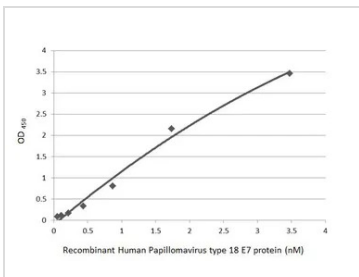
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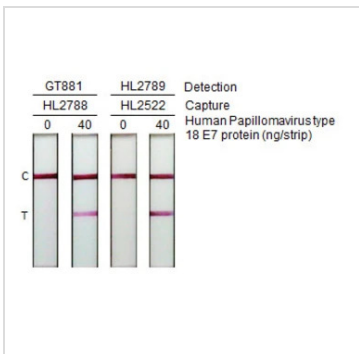
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**DATA IMAGES**

**GTX133412-pro Image**

GTX133412-pro Human Papillomavirus type 18 E7 protein was analyzed using SDS-PAGE and stained with coomassie blue and captured by monochrome camera.

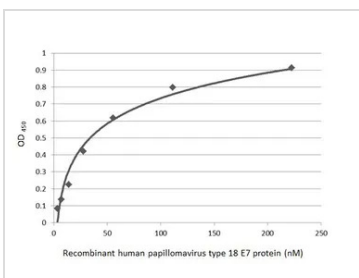

**GTX133412-pro ELISA Image**

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.


**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**

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 µg/mL)  
**Detection:** Human Papillomavirus type 18 E7 antibody [GT881] (GTX634337) (1 µg/mL)



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