

# Human Papillomavirus type 16 E7 protein, His tag

**Cat. No. GTX133411-pro**

<b>Applications</b>	ELISA, Lateral Flow, Sandwich ELISA
<b>Species</b>	Human papillomavirus type 16

**Package**  
100 µg

## Applications

### Application Note

For Sandwich ELISA, we would recommend the following pairs :

Capture : GTX637546 / GTX637228, Detection : GTX637228 / GTX637546.

Please notice that GTX637228 / GTX637546 needs to be conjugated to HRP to function as the detection antibody when paired with GTX637546 / GTX637228. Please contact us for custom HRP-conjugated antibody.

For Lateral Flow, we would recommend the following pairs :

Capture : GTX637228, Detection : GTX637546

## 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 16 E7 protein
<b>Expression System</b>	E. Coli
<b>Purity</b>	>95%
<b>Conjugation</b>	Unconjugated

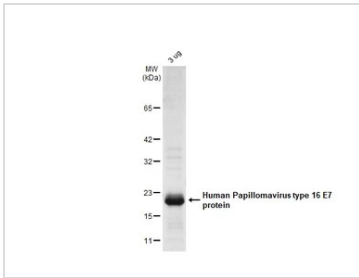
**Note**

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

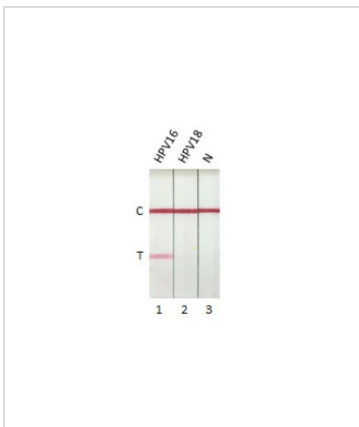
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**DATA IMAGES**

**GTX133411-pro Image**

GTX133411-pro Human Papillomavirus type 16 E7 protein was analyzed using SDS-PAGE and stained with coomassie blue and captured by monochrome camera.


**GTX133411-pro Image**

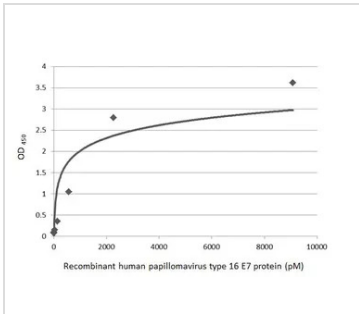
Detection of Human Papillomavirus type 16 E7 protein by lateral flow assay using the monoclonal antibody pair.

**Capture:** Human Papillomavirus type 16 E7 antibody (GTX637228 [HL1647])

**Detection:** Human Papillomavirus type 16 E7 antibody (GTX637546 [HL1821])

**Samples (10 ng) :**

1. HPV16 E7 protein (GTX133411-pro)
2. HPV18 E7 protein (GTX133412-pro)
3. Lysis buffer

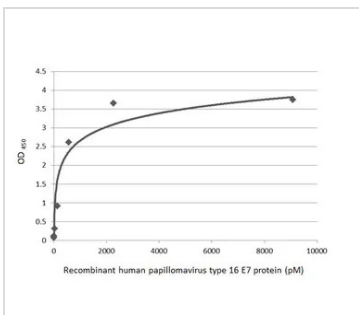

**GTX133411-pro ELISA Image**

Sandwich ELISA detection of recombinant Human Papillomavirus type 16 E7 protein, His tag (GTX133411-pro) using antibodies as below.

**Capture:** Human Papillomavirus type 16 E7 antibody [HL1647] (GTX637228) (5 µg/mL)

**Detection:** HRP-conjugated Human Papillomavirus type 16 E7 antibody [HL1821] (GTX637546) (1 µg/mL)

Please notice that GTX637546 needs to be conjugated to HRP to function as the detection antibody when paired with GTX637228. Please contact us for custom HRP-conjugated antibody.


**GTX133411-pro ELISA Image**

Sandwich ELISA detection of recombinant Human Papillomavirus type 16 E7 protein, His tag (GTX133411-pro) using antibodies as below.

**Capture:** Human Papillomavirus type 16 E7 antibody [HL1647] (GTX637228) (5 µg/mL)

**Detection:** HRP-conjugated Human Papillomavirus type 16 E7 antibody [HL1821] (GTX637546) (1 µg/mL)

Please notice that GTX637546 needs to be conjugated to HRP to function as the detection antibody when paired with GTX637228. Please contact us for custom HRP-conjugated antibody.



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