# Human Papillomavirus type 16 E7 protein, His tag

## Cat. No. GTX133411-pro

| | |
|---|---|
| **Applications** | ELISA, Lateral Flow, Sandwich ELISA |
| **Species** | 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

| | |
|---|---|
| **Form** | Liquid |
| **Buffer** | PBS, 0.1% SDS |
| **Preservative** | No preservative |
| **Storage** | Store as concentrated solution. Centrifuge briefly prior to opening vial. Aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles. For long-term storage after reconstitution, aliquot and store at -70ºC or below. Do not vortex. |
| **Concentration** | 2.4 mg/ml (Please refer to the vial label for the specific concentration.) |
| **Region/Sequence** | Full length protein of Human Papilloma virus type 16 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.<br><br>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. |

For full product information, images and publications, please visit our website.

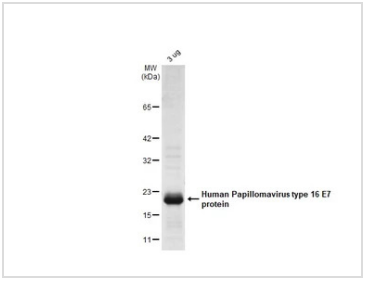


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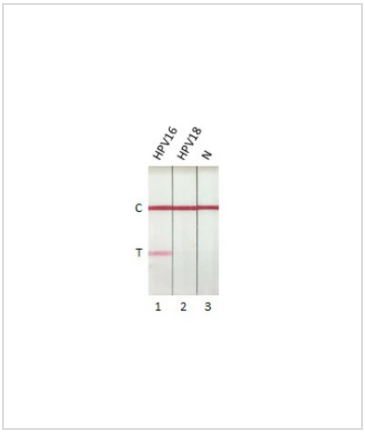
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## DATA IMAGES




**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.

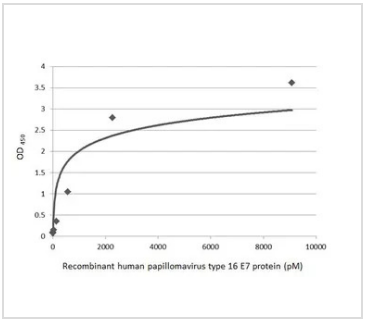



**GTX133411-pro Image**

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])

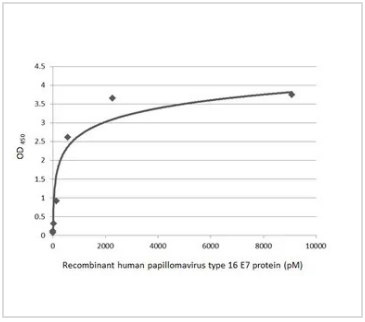
**Samples (10 ng) :**
1. HPV16 E7 protein (GTX133411-pro)
2. HPV18 E7 protein (GTX133412-pro)
3. Lysis buffer




**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.

For full product information, images and publications, please visit our website.



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