# Enterovirus D68 VP1 antibody [HL1997]

## Cat. No. GTX637898

| | |
|---|---|
| **Host** | Rabbit |
| **Clonality** | Monoclonal |
| **Isotype** | IgG |
| **Application** | WB, ELISA, Lateral Flow, Sandwich ELISA |
| **Reactivity** | Enterovirus D68 |

Package
100 µl, 25 µl

## APPLICATION

**Application Note**

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|---|---|
| WB | 1:500-1:3000 |
| ELISA | Assay dependent |
| Lateral Flow | Assay dependent |
| Sandwich ELISA | Assay dependent |

**Note : Capture: GTX633770, Detection: GTX637898 or Capture: GTX637898, Detection: GTX633770**
**Capture : GTX633688 / GTX633770, Detection : GTX637898. Please notice that GTX637898 needs to be conjugated to HRP to function as the detection antibody when paired with GTX633688 / GTX633770. Please contact us for custom HRP-conjugated antibody.**

Not tested in other applications.

| | |
|---|---|
| **Product Note** | This antibody was raised against Enterovirus D68 VP1, and it does not cross-react with Enterovirus 71 VP1 or Coxsackievirus A6. |

## PROPERTIES

| | |
|---|---|
| **Form** | Liquid |
| **Buffer** | PBS |
| **Preservative** | No Preservative |
| **Storage** | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles. |
| **Concentration** | 1 mg/ml (Please refer to the vial label for the specific concentration.) |
| **Immunogen** | Recombinant fragment of Enterovirus D68 VP1 |
| **Purification** | Affinity purified by Protein A. |
| **Conjugation** | Unconjugated |

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



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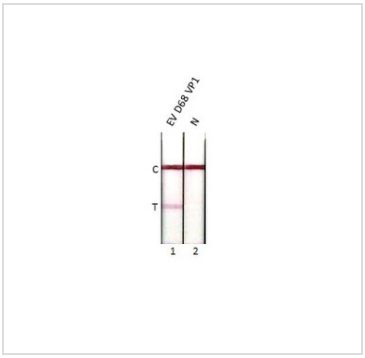
**Note**

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

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.

## DATA IMAGES

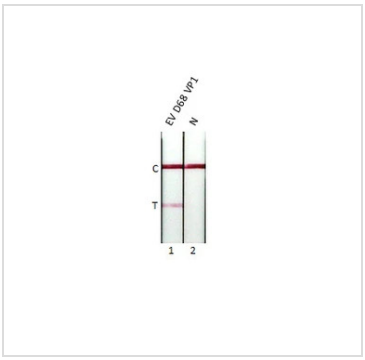



**GTX637898 Lateral Flow Image**

Detection of enterovirus D68 VP1 protein by lateral flow assay using the monoclonal antibody pair.

**Capture:** Enterovirus D68 VP1 antibody (GTX633770 [GT1843])
**Detection:** Enterovirus D68 VP1 antibody (GTX637898 [HL1997])

**Samples (80 ng) :**
1. Enterovirus D68 VP1 protein (GTX138561-pro)
2. Lysis buffer

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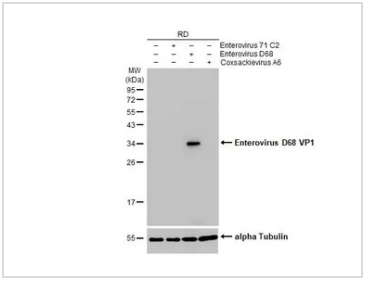
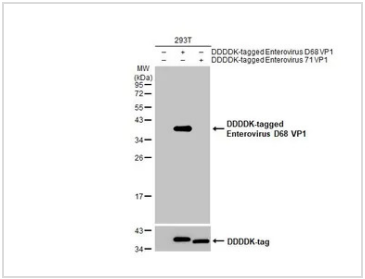



**GTX637898 WB Image**

Non-infected (–) and infected (+) RD whole cell extracts (20 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Enterovirus D68 VP1 antibody [HL1997] (GTX637898) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.




**GTX637898 WB Image**

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Enterovirus D68 VP1 antibody [HL1997] (GTX637898) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

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