

Anti-EV-A71 VP1 IgG Antibody

Catalog Number LDG0206YA

Package 100 µg / Customized package

For full product information, images and publications, please visit [our website](#).



Specifications

Clonality

Recombinant Human IgG

Reactivity

EV-A71

Conjugation

Unconjugated

Buffer

Phosphate Buffered Saline containing 0.03% Proclin 300, pH 7.4.

Immunogen

EV-A71 VP1

Application

ELISA, LFA

Concentration

Lot-dependent, please refer to product label.

Form

Liquid

Background

Tainan Headquarter

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Background

Enterovirus A71 (EV-A71), a positive-strand RNA virus of the Picornaviridae family, is a persisting global concern. EV-A71 is primarily transmitted through the fecal-oral route, causing hand, foot, and mouth disease (HFMD), severe central nervous system complications, neural damage, and even life-threatening. VP1 is a structural capsid protein consisting of 297 amino acids, promoting infection by binding to specific receptors on the surface of host cells, including P-selectin glycoprotein ligand 1 (PSGL-1), scavenger receptor B2 (SCARB2), annexin II protein, sialylated glycan, and heparan sulfate.

Instruction

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Stability & Storage

This product is stable after storage at:

- 2-8°C for 2 weeks under sterile conditions from date of receipt.
- -20°C or -80°C for 12 months under sterile conditions from date of receipt.

Avoid repeated freeze/thaw cycles.

Suggestion: Divide antibody into several vials.

Keep only vials for usage at 2-8°C.

Image

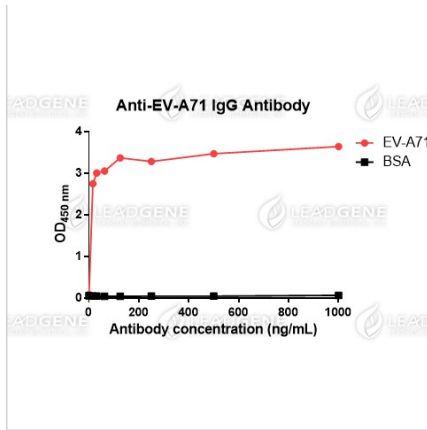
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ELISA titration of Anti-EV-A71 IgG Antibody

Titration curve of anti-EV-A71 IgG Antibody in ELISA. Red: EV-A71; Black: BSA (negative control).

Disclaimer : For Research Use or Further Manufacturing Only.