SANTA CRUZ BIOTECHNOLOGY, INC.

Astrovirus (ASV): sc-51758



BACKGROUND

Astroviruses are uniformly small, spherical viruses which measure 28 nm in diameter and have a characteristic star-like appearance when viewed with an electron microscope. Astroviruses, which belong to the *Astroviridae* family, have been divided into eight human species, designated human Astrovirus (HAstV)-1 through HAstV-8. Seven human Astrovirus serotypes have been identified, three of which have been fully sequenced. Astrovirus-1 represents the most common of five serotypes. Astroviruses have a positive-sense single-stranded RNA genome. Unlike the caliciviruses, astroviruses do not encode a helicase. Astrovirus infection causes gastroenteritis, a relatively mild form of rotavirus enteritis with symptoms of diarrhea, vomiting and abdominal pain, that generally persist for a few days.

REFERENCES

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SOURCE

Astrovirus (ASV) is a mouse monoclonal antibody raised against a cultural suspension of inactivated Astrovirus antigen.

PRODUCT

Each vial contains 100 $\mu g~lg G_3$ in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

APPLICATIONS

Astrovirus (ASV) is recommended for detection of Astrovirus, serotype 1 of Astrovirus origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000).

STORAGE

Store at 4° C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.