



# Adenovirus Type 2 Grade 2 Antigen (DAG-H10356)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	The antigen preparation contains a high concentration of virus and viral components as well as some cellular material in MEM.
<b>Species</b>	ADV
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Positive control for antigen detection in nasal or fecal samples
<b>Size</b>	1 mL
<b>Buffer</b>	MEM
<b>Preservative</b>	None
<b>Storage</b>	Store this antigen preparation frozen at -70 °C to -100 °C. Repeated freezing and thawing should be avoided.

## BACKGROUND

<b>Introduction</b>	Adenoviruses are DNA viruses generally widespread in nature that are frequently the cause of acute upper respiratory tract infections (i.e. common colds). Forty-seven known serotypes have been isolated since they were first discovered in 1953 with 4 types known to cause gastroenteritis. Several types have oncogenic potential though most cause self-limiting febrile illnesses characterised by inflammation of conjunctivae and the respiratory tract. The virus can be isolated from the majority of tonsils/adenoids surgically removed, indicating latent infections. It is not known how long the virus can persist in the body, or whether it is capable of reactivation after long periods. In patients experiencing immunosuppression (e.g. AIDS) it can be reactivated causing disease.
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