



Rotavirus Grade 3 (DAG-H10379)

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

PRODUCT INFORMATION

Antigen Description	This product contains inactivated rotavirus in Bicine/EDTA buffer.
Species	Rotavirus
Conjugate	Unconjugated
Applications	Positive control in lateral flow (rapid) assays IgG and IgM detection in immunoassays including EIA with polystyrene, latex, nanogold and/or iron solid phases using different detection systems (colorimetric, chemiluminescent)
Size	1 ml
Preservative	None
Storage	Store this preparation at -70 °C to -100 °C. Repeated freezing and thawing should be avoided

BACKGROUND

Introduction	Rotavirus is the most common cause of severe diarrhea among infants and young children. It is a genus of double-stranded RNA virus in the family Reoviridae. Nearly every child in the world has been infected with rotavirus at least once by the age of five. Immunity develops with each infection, so subsequent infections are less severe; adults are rarely affected. There are five species of this virus, referred to as A, B, C, D, and E. Rotavirus A, the most common species, causes more than 90% of rotavirus infections in humans.
Keywords	Rotavirus