



# Rotavirus Antigen (DAGA-258)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Nature</b>	Native
<b>Expression System</b>	LLC cells
<b>Conjugate</b>	Unconjugated
<b>Procedure</b>	None
<b>Format</b>	Liquid, whole cell sonicate
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements.
<b>Size</b>	1 ml
<b>Buffer</b>	50 mM Glycine, pH 9.0 with 0.2% CHAPS
<b>Preservative</b>	None
<b>Storage</b>	≤-70°C

## BACKGROUND

<b>Introduction</b>	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,
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causes more than 90% of rotavirus infections in humans.

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**Keywords**

Rotavirus

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