



## Native RotaVirus (DAG4705)

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

### PRODUCT INFORMATION

**Product Overview** Virus is extracted from infected cells and concentrated from cell culture supernatant. The viral material is inactivated by detergent treatment and further purified by size exclusion chromatography.

**Nature** Native

**Expression System** MA 104 cells

**Species** RotaVirus

**Conjugate** Unconjugated

**Applications** ELISA

**Procedure** None

**Preservative** None

**Storage** Store at -65°C or lower. Avoid repeated freeze-thaw cycles.

### 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