rekom biotech

High Quality Raw Materials
for the IVD Manufacturing Industry

Recombinant antigen gG2 for Herpes simplex virus type 2

Herpes simplex viruses exist as two major serotypes, type 1 (HSV-1) and type 2 (HSV-2). They both cause significant human morbidity. Determination of type, either HSV-1 or HSV-2, is important in accurate diagnosis and clinical control of transmission. Herpes simplex virus type 2 (HSV-2) often causes genital herpes and, occasionally, meningitis, neonatal infections, and acute retinal necrosis. HSV-2 is sexually transmitted. Infections are often asymptomatic, and most infected individuals are unaware of the infection, yet HSV-2 is associated with an increased risk of HIV acquisition and an increased risk during pregnancy of spontaneous abortion, premature birth, and perinatal herpes. Unawareness of HSV-2 infection is also a major contributing factor to transmission to uninfected partners.

Knowing the specific HSV type can help the patient take appropriate precautions to prevent transmission of the disease to others. In particular, the identification of unrecognized HSV-2 infection can be used to carefully monitor virus shedding during pregnancy and minimize the risk of perinatal infection.

Rekom Biotech has developed the recombinant antigen glycoprotein G (gG2) RAG0087.

NAME	REFERENCE	SOURCE	APPLICATION	DESCRIPTION
gG2	**RAG0087**	*E. coli*	WB, DB, IE, DE, CLIA, LF	Contains the immunogenic regions of the glycoprotein G from the HSV-2

WB: Western Blot
DB: Dot Blot
IE: Indirect ELISA
DE: positive control in direct ELISA
CLIA: Chemiluminescent Immunoassay
LF: Lateral Flow
CE: Capture ELISA
DAS: Double antigen sandwich
NP: nanoparticles binding
PO: plate orientation

Pack size: 0.1 mg; 1 mg; bulk
Format: liquid; lyophilised