

PRODUCT PERFORMANCE:

- ▶ Versatility
- ▶ Validation
- ▶ Conjugation
- ▶ Reproducibility
- ▶ Broad portfolio
- ▶ Specificity and sensitivity
- ▶ Technical support
- ▶ Costs reduction and fast delivery

Rekom High-Quality Raw Material for TORCH

T **Toxoplasmosis**
O **Other agents**
R **Rubella**
C **Cytomegalovirus (CMV)**
H **Herpes Simplex virus (HSV)**

TORCH refers to the main infectious agents capable of producing malformations in the fetus. It is an acronym that corresponds to the initials of (T)oxoplasmosis, (O)ther agents (HIV, Syphilis, etc.), (R)ubella, (C)ytomegalovirus and (H)erpes Simplex virus.

To diagnose this syndrome, series of tests are performed:

PREGNANT

Blood sample to determine specific IgM and IgG

FETUS

Umbilical Cord Blood Sampling (also called cordocentesis) to identify IgG, or isolate the parasite from amniotic fluid samples

BIRTH

Faced with the suspicion of congenital infection, performing placental tissue culture

NEWBORN

Blood sample to determine specific IgM and IgG
For clinical diagnosis of neurological complications: ultrasound, CT scan or MRI

At Rekom Biotech we have a wide range of recombinant antigens and antibodies for serodiagnosis of TORCH syndrome. In addition, we offer custom-made services of design and production of recombinant proteins to our IVD customers who want to develop a new assay but cannot find the right raw material in the market.

RAW MATERIAL FOR TORCH SYNDROME

TOXOPLASMOSIS (*Toxoplasma gondii*)

NAME	REFERENCE	SOURCE	APPLICATION	DESCRIPTION
p29 (GRA7)	RAG0083	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Dense granule antigen
p30 (SAG1)	RAG0011	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Major surface antigen
	RAG0019	<i>P. pastoris</i>	WB, DB, IE, DE, CLIA, LF	p30 (SAG1) in <i>P. pastoris</i>
	RAG0030	<i>P. pastoris</i>	WB, DB, IE, DE, CLIA, LF	p30 (SAG1) in <i>P. pastoris</i>
p35 (GRA8)	RAG0084	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Dense granule antigen
ChimToxo1	RAG0058	<i>P. pastoris</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen (SAG1 and GRA8)

AIDS (HIV)

NAME	REFERENCE	SOURCE	APPLICATION	DESCRIPTION
p24	RAG0057 *	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Viral capsid antigen

SYPHILIS (*Treponema pallidum*)

NAME	REFERENCE	SOURCE	APPLICATION	DESCRIPTION
TmpA	RAG0073	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Membrane lipoprotein
Tpp15	RAG0009 *	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Membrane lipoprotein
Tpp17	RAG0008 *	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Membrane lipoprotein
Tpp47	RAG0010 *	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Membrane lipoprotein
ChimSyphilis1	RAG0046 *	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen (Tpp17 and Tpp47)
ChimSyphilis2	RAG0064 *	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen (Tpp15 and TmpA)

CYTOMEGALOVIRUS (CMV)

NAME	REFERENCE	SOURCE	APPLICATION	DESCRIPTION
pp52	RAG0090 *	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	DNA polymerase processivity subunit
pp65	RAG0016	<i>E. coli</i>	WB, DB, IE, DE	Viral tegument phosphoprotein
pp150	RAG0091	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Viral matrix phosphoprotein
ChimCMV1	RAG0109 * 🏆	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen
ChimCMV2	RAG0110 *	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen

NAME	REFERENCE	SOURCE	IMMUNOGEN	APPROX. TITER	DESCRIPTION
Anti-pp52	PAB0001	Rabbit	RAG0090	WB: 1/3,000-1/3,500 ELISA: 1/25,600-1/51,200	Polyclonal antibody against pp52
Anti-pp150	PAB0002	Rabbit	RAG0091	WB: 1/3,000 ELISA: 1/12,800 - 1/25,600	Polyclonal antibody against pp150
Anti-pp65	PAB0003	Rabbit	RAG0016	WB: 1/4,500-1/5,000 ELISA: 1/51,200-1/102,400	Polyclonal antibody against pp65

ORAL HERPES produced by HSV-1 (*Herpes simplex virus type 1*)

NAME	REFERENCE	SOURCE	APPLICATION	DESCRIPTION
gG1	RAG0017	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant mature glycoprotein G for HSV-1

GENITAL HERPES produced by HSV-2 (*Herpes simplex virus type 2*)

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

* Proteins that have the option of being biotinylated

WB: Western Blot
DB: Dot Blot
IE: Indirect ELISA
DE: positive control in direct ELISA
CLIA: Chemiluminescent Immunoassay
LF: Lateral Flow

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



Top product (Satisfaction guarantee)