

## ELISA Kits for Anthrax Toxins & Anthrax Vaccines

ELISA kits for Anthrax Proteins (PA83, PA63, LF, EF)			
Proteins	Product Type#	Cat #	Product Description
PA83	Antigen Kit	800-100-P83	Anthrax Protective Antigen 83 ( <b>PA83</b> ) Protein ELISA Kit, 96 tests
PA63	Antigen Kit	800-110-P63	Anthrax Protective Antigen 63 ( <b>PA63</b> ) Protein ELISA Kit, 96 tests
LF	Antigen Kit	800-120-LF	Anthrax Lethal Factor ( <b>LF</b> ) Protein ELISA Kit, 96 tests
EF	Antigen Kit	800-130-EF	Anthrax Edema Factor ( <b>EF</b> ) Protein ELISA Kit, 96 tests
PA83	Anti-PA83	900-100-83T	<b>Mouse</b> Anti-Anthrax Protective Antigen 83 (PA83) Ig's ELISA kit, 96 tests
	Anti-PA83	900-105-83G	<b>Mouse</b> Anti-Anthrax Protective Antigen 83 (PA83) IgG-sp. ELISA kit, 96 tests
	Anti-PA83	900-120-83T	<b>Rabbit</b> Anti-Anthrax Protective Antigen 83 (PA83) Ig's ELISA kit, 96 tests
	Anti-PA83	900-130-83T	<b>Goat</b> Anti-Anthrax Protective Antigen 83 (PA83) Ig's ELISA kit, 96 tests
	Anti-PA83	900-140-83T	<b>G. pig</b> Anti-Anthrax Protective Antigen 83 (PA83) Ig's ELISA kit, 96 tests
	Anti-PA83	900-150-83T	<b>Monkey</b> Anti-Anthrax Protective Antigen 83 (PA83) Ig's ELISA kit, 96 tests
	Anti-PA83	900-160-83T	<b>Human</b> Anti-Anthrax Protective Antigen 83 (PA83) Ig's ELISA kit, 96 tests
	Anti-PA83 <b>Western Blot</b>	900-170-83WM	<b>Mouse</b> Anti-Anthrax Protective Antigen 83 (PA83) Ig's WB kit, 12 tests PA83 recombinant proteins separated on SDS-PAGE and transferred on gel; Kit contains 12 PVDF strips, -ve control and positive control mouse sera <i>Designed to serve as alternate confirmatory test</i>
	Anti-PA83 <b>Western Blot</b>	900-180-83WR	<b>Rabbit</b> Anti-Anthrax Protective Antigen 83 (PA83) Ig's WB kit, 12 tests PA83 recombinant proteins separated on SDS-PAGE and transferred on gel; Kit contains 12 PVDF strips, -ve control and positive control rabbit sera <i>Designed to serve as alternate confirmatory test</i>
LF	Anti-LF	900-200-LFM	<b>Mouse</b> Anti-Anthrax Lethal Factor (LF) Ig's ELISA kit, 96 tests
	Anti-LF	900-220-LFR	<b>Rabbit</b> Anti-Anthrax Lethal Factor (LF) Ig's ELISA kit, 96 tests
EF	Anti-EF	900-300-EFM	<b>Mouse</b> Anti-Anthrax Edema Factor (EF) Ig's ELISA kit, 96 tests
	Anti-EF	900-320-EFR	<b>Rabbit</b> Anti-Anthrax Edema Factor (EF) Ig's ELISA kit, 96 tests

## Japanese encephalitis virus (JE Virus) Vaccines

ADI has been successful in expressing the full JEV ORF2 **Env protein E** (500 aa, Protein accession #Q88563; Amino acid #295-794 as his-tag protein in E. coli. The purified protein (>98% pure ~56 Kda) is being used as recombinant protein for JEV vaccine production. ADI is the first company to offer recombinant JEV Env protein-based ELISA kits to monitor the presence of antibodies in vaccinated animals and humans. Full length JEV env recombinant protein based ELISA kits will offer better kits than small peptides from ORF2-ORF3 due to the detection of antibodies induced against all JEV Env epitopes.

name	Product Type#	Cat #	Product Description
Anti-JEV	Antibody kit	910-100-JEM	<b>Mouse</b> Anti-Japanese encephalitis virus (JEV) Ig's ELISA kit, 96 tests
	Western Blot	910-110-JWM	Mouse Anti-Japanese encephalitis virus (JEV) Ig's WB kit, 12 tests (JEV recombinant proteins separated on SDS-PAGE and transferred on gel; Kit contains 12 PVDF strips, -ve control and positive control sera <i>Designed to serve as alternate confirmatory test</i>

## Hepatitis B Virus Vaccines & ELISA Kits

name	Product Type#	Cat #	Product Description
HBsAg Antigen and Antibody kits	Antigen kit	4100	Hepatitis B Surface Antigen (HBsAg) ELISA kit, Quantitative, 96 tests Stds=0-100 ng/ml ; Sample=50 ul; Sensitivity= 3 ng/ml; 75 min assay
	Anti-HBsAg	4200	<b>Human</b> Anti-Hepatitis B Surface Antigen (HBsAg) ELISA kit, 96 tests
	Anti-HBsAg	4210	<b>Mouse</b> Anti-Hepatitis B Surface Antigen (HBsAg) ELISA kit, 96 tests

## Chicken Virus Vaccines & ELISA Kits

Name	Product Type#	Cat #	Product Description
For detecting antibodies in serum or in egg yolks	Antibody kit	920-100-AIV	<b>Chicken Anti-Avian Influenza (AIV) virus IgG ELISA kit, 96 tests</b>
	Antibody kit	920-110-AV	<b>Chicken Anti-Anemia Virus (AV) IgG ELISA kit, 96 tests</b>
	Antibody kit	920-120-IBV	<b>Chicken Anti-Infectious Bronchitis Virus (IBV) IgG ELISA kit, 96 tests</b>
	Antibody kit	920-130-MDV	<b>Chicken Anti-Marek's Disease Virus (MDV) IgG ELISA kit, 96 tests</b>
	Antibody kit	920-140-NDV	<b>Chicken Anti-Newcastle Disease Virus (NDV) IgG ELISA kit, 96 tests</b>
	Antibody kit*	80176	Chicken Serum Antibody detection ELISA kit, Qualitative <i>This is kit is designed to detect the chicken antibodies in serum using customer supplied antigens. It has all other components (coating buffers, blocking buffer, antibody diluents, antibody-HRP conjugate, TMB Substrate, and stop solutions); sufficient reagents for 1000 tests</i>
	Antibody kit**	80177	Chicken IgY Antibody detection in whole egg yolks ELISA kit, Qualitative Specially suited to evaluate vaccinations (antibody titer) in chicken eggs. <i>This is kit is designed to detect the chicken antibodies in <b>Whole egg yolks</b> using customer supplied antigens. The kit contains specially formulated buffer to allow the <b>detection of IgY in diluted egg yolks without the need for IgY purification</b>. It has all other components (coating buffers, blocking buffer, antibody diluents, antibody-HRP conjugate, TMB Substrate, and stop solutions); sufficient reagents for 1000 tests.</i>
<b>Negative Controls Sera and Allantoic Fluid</b>			
Chicken Controls	-ve control serum	CSNC11-S	Chicken serum (SPF) tested –ve for various chicken viruses, Salmonella and Mycoplasma (suitable for chicken virus ELISA kits)
	-ve control allantoic fluid	CAF11-S	Chicken Allantoic fluid (SPF eggs) tested –ve for various chicken viruses, Salmonella and Mycoplasma (suitable for chicken virus ELISA kits)

## Tetanus/Diphtheria/Adenovirus/Pertussis Vaccine's ELISA Kits

name	Product Type#	Cat #	Product Description
Tetanus	Antibody kit	930-100-TTH	Human Anti-Tetanus Toxoid Ig'S ELISA kit, Quantitative, 96 tests
	Antibody Kit	930-110-TTM	Mouse Anti-Tetanus Toxoid Ig'S ELISA kit, Quantitative, 96 tests
Diphtheria	Antibody Kit	940-100-DHG	Human Anti-Diphtheria Toxoid IgG ELISA kit, Quantitative, 96 tests
	Antibody Kit	940-110-DHM	Human Anti-Diphtheria Toxoid IgM ELISA kit, Quantitative, 96 tests
	Antibody Kit	970-120-MMG	<b>Mouse</b> Anti-CRM197 protein <b>IgG</b> (Plasmodium falciparum) ELISA kit
	Antibody Kit	970-130-MMM	<b>Mouse</b> Anti-CRM197 protein <b>IgM</b> (Plasmodium falciparum) ELISA kit
	Antibody Kit	940-120-DHM	Mouse Anti-Diphtheria Toxoid <b>Ig's</b> ELISA kit, Quantitative, 96 tests
Adenovirus	Antibody Kit	950-100-AHA	Human Anti-Adenovirus IgA ELISA kit, Quantitative, 96 tests
	Antibody Kit	950-110-AHG	Human Anti-Adenovirus IgG ELISA kit, Quantitative, 96 tests
	Antibody Kit	950-120-AHM	Human Anti-Adenovirus IgG ELISA kit, Quantitative, 96 tests
	Antibody Kit	950-130-AHG	Mouse Anti-Adenovirus IgG ELISA kit, Quantitative, 96 tests
	Antibody Kit	950-140-AHM	Mouse Anti-Adenovirus IgM ELISA kit, Quantitative, 96 tests
Bordetella pertussis	Antibody Kit	960-100-PHA	Human Anti-B. pertussis IgA ELISA kit, Quantitative, 96 tests
	Antibody Kit	960-110-PHG	Human Anti-B. pertussis IgG ELISA kit, Quantitative, 96 tests
	Antibody Kit	960-120-PHM	Human Anti-B. pertussis IgM ELISA kit, Quantitative, 96 tests
	Antibody Kit	960-130-PMG	Mouse Anti-B. pertussis IgG ELISA kit, Quantitative, 96 tests
	Antibody Kit	960-140-PMM	Mouse Anti-B. pertussis IgM ELISA kit, Quantitative, 96 tests

## Malaria Vaccine's ELISA Kits

The RTS,S malaria vaccines (RTS,S/AS01, RTS,S/AS02A/ RTS,S/AS02D) are in advance stages of human clinical trials. It was initially developed in collaboration with the Walter Reed Army Institute of Research (WRAIR) and GlaxoSmithKline (GSK) Biologicals. The vaccine is now being developed and tested GSK and the PATH Malaria Vaccine Initiative (MVI) and support from the Bill & Melinda Gates Foundation. The RTS,S vaccine candidate is a recombinant protein that fuses a part of the *P. falciparum* circumsporozoite (CS) protein with the hepatitis B surface antigen. Combined with a proprietary GSK adjuvant system, RTS,S induces the production of antibodies and T cells that are believed to diminish the capacity of the malaria parasite to infect, survive, and develop in the human liver. In addition to inducing partial protection against malaria, the RTS,S vaccine candidate is also designed to protect against hepatitis B, a severe form of hepatitis and an important etiological factor in end-stage liver disease and liver cancer.

name	Product Type#	Cat #	Product Description
Malaria	Antibody Kit	970-100-MMG	<b>Mouse</b> Anti-CSP (Circumsporozoite protein) <b>IgG</b> (Plasmodium falciparum) ELISA kit
	Antibody Kit	970-110-MMM	<b>Mouse</b> Anti-CSP protein (Circumsporozoite protein) <b>IgM</b> (P. falciparum) ELISA kit
	<b>Antigen</b> kit	4100	Hepatitis B Surface Antigen (HBsAg) ELISA kit, Quantitative, 96 tests Stds=0-100 ng/ml ; Sample=50 ul; Sensitivity= 3 ng/ml; 75 min assay
	Antibody Kit	4200	<b>Human</b> Anti-Hepatitis B Surface Antigen (HBsAg) Ig's ELISA kit, 96 tests
	Antibody Kit	4210	<b>Mouse</b> Anti-Hepatitis B Surface Antigen (HBsAg) Ig's ELISA kit, 96 tests
	Antibody Kit	970-120-MSP	<b>Mouse</b> Anti-MSP-1 (merozoite surface protein 1) Ig's (P. falciparum) ELISA kit

## Malarial parasite specific antibodies and recombinant proteins

### Recombinant Proteins (Malaria)

Recombinant (E. coli) Circumsporozoite (CSP) mosaic protein (107-129, 334-351 aa) (P. falciparum) purified	CSPF16-R
Recombinant (E. coli) heat shock protein 70 (hsp70) (P. falciparum) purified	HSPF701-R
Recombinant (E. coli) Circumsporozoite (CSP) antigen (P. falciparum)	CSPF15-R
Recombinant (E. coli) Circumsporozoite (CSP; 353-aa and GST) antigen (P. vivax)	CSPV16-R
Recombinant (E. coli) Histidine rich glycoprotein II (HRP II, P. falciparum)	HRPF25-R
Recombinant (E. coli) merozoite surface protein-1 (MSP-1; P. falciparum)	MSPF15-R
Recombinant (E. coli) merozoite surface protein-1 (MSP-1; 108-aa; P. vivax)	MSPV16-R
Recombinant (E. coli) merozoite surface protein-2 (MSP-2; 460-aa; P. vivax)	MSPV26-R
Recombinant (E. coli) merozoite surface protein-2 (MSP-2; P. falciparum)	MSPF25-R
Recombinant (E. coli) Ring-infected erythrocyte surface antigen (RESA) (P. falciparum)	RESAF15-R
Recombinant (E. coli) Serine-repeat antigen (SERA) P. falciparum	SERA15-R

### Antibodies to Malaria Proteins

Mouse Anti-Circumsporozoite (CSP) (P. vivax) IgG, aff pure (different clones)	CSPV11-M & CSPV12-M
Mouse Anti-Histidine rich glycoprotein II (HRP II, P. falciparum) IgG, aff pure #1	HRPF21-M
Mouse Anti-Histidine rich glycoprotein II (HRP II, P. falciparum) IgM, aff pure	HRPF22-M
Mouse Anti-Malaria (clone 1); reacts to P.vivax/falciparum	MFV11-M
Mouse Anti-Malaria (clone 2); P. falciparum specific	MPF13-M
Mouse Anti-Malaria (clone 3); reacts to P. vivax/falciparum specific	MFV12-M
Mouse Anti-Merozoite surface protein-1 (MSP-1; P. falciparum) IgG, aff pure #1	MSPF11-M & MSPF12-M
Mouse Anti-Merozoite surface protein-1 (MSP-1; P. vivax) IgG, aff pure #1	MSPV14-M & MSPV15-M
Mouse Anti-parasite lactate dehydrogenase (pan-pLDH) (different clones) Reacts with P. falciparum and vivax	PLDH21-M & PLDH10-M PLDH11-M & PLDH12-M
Mouse Anti-parasite specific lactate dehydrogenase (pLDH), (P. falciparum specific), clone 2	PLDH22-M
Mouse Anti-parasite specific lactate dehydrogenase (pLDH), (P. ovale specific), clone 14	PLDH14-M
Mouse Anti-parasite specific lactate dehydrogenase (pLDH), (P. vivax specific), clone 3	PLDH31-M
Mouse Anti-S Antigen (Sag) (P. falciparum) IgG, aff pure (different clones)	SAGF11-M & SAGF12-M

Synthetic NANP peptides:                      **(NANP)5 & (NANP)10**