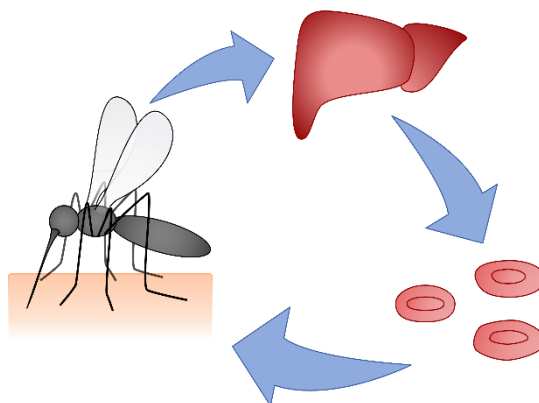


Malaria Antibodies and Antigens

Malaria is a common infectious disease affecting many human beings. Infected female *Anopheles* mosquitos are transmitter of this tropical disease. Children below the age of five, as well as immunocompromised persons such as pregnant woman and HIV-infected persons are especially at risk for severe disease. Symptoms differ in severity and range across mild symptoms such as fever, headache, and chills, to severe complications such as fatigue, breathing difficulties, and impaired consciousness. In addition to preventive measurements such as mosquito nets and chemoprophylaxis for travellers, the vaccine RTS,S/AS01 was released in 2019, and a second vaccine, R21/Matrix-M, was released in autumn 2023.



According to estimates by the World Health Organization, in 2022 there were 249 million cases of Malaria and 609.000 people died due to the disease (World Malaria Report 2023, p. 78, ISBN: 978-92-4-008617-3). About 95 % of all cases are from Africa.

There are many different species of *Plasmodium* and 5 of them cause disease in humans: *P. falciparum*, *P. vivax*, *P. ovale*, *P. malariae* and *P. knowlesi*. Most severe cases of Malaria are due to infection with *P. falciparum*, which is most common in Africa, whereas *P. vivax* is more common in Asia and Latin America. To detect and diagnose the disease, typically rapid tests such as Lateral Flow Assays and microscopy are used. Early detection of the disease, as well as effective therapies greatly reduce morbidity rate and mortality. Several reagents for Malaria research and detection of the parasite are available at Dunn Labortechnik from our suppliers such as Icon Medlab, Immunology Consultant Laboratory, Innovative Research und Meridian Bioscience.

– Antigens –

Cat. No.	Description	Source	Format	Preservative	Application	Unit
R01478	<i>P. falciparum</i> HRP-2	<i>E. coli</i>	Recombinant	NaN3	EIA, LF	1.0 mg
R01710	<i>P. falciparum</i> HRP-2	<i>E. coli</i>	Recombinant	No	CON, EIA, IM, LF, Pr	0.1 mg
AG55-0092-Z	<i>P. falciparum</i> HRP-2	<i>E. coli</i>	Recombinant	NaN3	EIA, WB	0.1 mg
BN1128	<i>P. falciparum</i> HRP-2	<i>E. coli</i>	Recombinant	NaN3	EIA	1.0 mg
R01603	<i>P. falciparum</i> MSP-1	<i>E. coli</i>	Recombinant	NaN3	EIA, LF, Pr	1.0 mg
R01604	<i>P. falciparum</i> MSP-1	<i>E. coli</i>	Recombinant	NaN3	EIA, LF, Pr	1.0 mg
R01597	<i>P. falciparum</i> pLDH	<i>E. coli</i>	Recombinant	NaN3	LF	1.0 mg
BN1126	<i>P. falciparum</i> pLDH	HEK Cells	Recombinant	NaN3	EIA	1.0 mg
IPMDPLAMDFALCPIIR	<i>P. falciparum</i> protein II, MBP, truncated	<i>E. coli</i>	Recombinant	NaN3	EIA	10 µg
R01595	<i>P. falciparum</i> , pAldolase	<i>E. coli</i>	Recombinant	NaN3	LF	1.0 mg
IPMDPLAMDALDR	<i>P. sp.</i> Aldolase	<i>E. coli</i>	Recombinant	Proclin-300	EIA	10 µg
IPMDPLAMDVVXCSPR GST	<i>P. vivax</i> CSP, GST	<i>E. coli</i>	Recombinant	NaN3	EIA	10 µg
IPMDPLAMDVVXMSPR	<i>P. vivax</i> MSP, MBP, truncated	<i>E. coli</i>	Recombinant	NaN3	EIA	10 µg
R01439	<i>P. vivax</i> MSP1	<i>E. coli</i>	Recombinant	NaN3	EIA, LF	1.0 mg
R01601	<i>P. vivax</i> MSP1	<i>E. coli</i>	Recombinant	NaN3	EIA, LF	1.0 mg
R01602	<i>P. vivax</i> MSP1	<i>E. coli</i>	Recombinant	NaN3	EIA, LF	1.0 mg
BN1127	<i>P. vivax</i> pLDH	HEK Cells	Recombinant	NaN3		1.0 mg
R01598	<i>P. vivax</i> pLDH	<i>E. coli</i>	Recombinant	NaN3	EIA, LF, WB	1.0 mg

HRP-2: Histidine-Rich Protein 2; **MBP:** Maltose Binding Protein; **MSP1:** Merozoite Surface Protein 1; **pLDH:** Lactate Dehydrogenase

– Antibodies –

Cat. No.	Specificity	Host	Clonality	Isotype	Preservative	Applications	Unit
C03400M	P. falciparum	Mouse	Monoclonal	IgG1	NaN3	DB, EIA, LF, WB	1.0 mg
IA31-Ab1	P. falciparum HRP II	Mouse	Monoclonal	IgG1	NaN3	EIA, LF	variable
IA31-Ab2	P. falciparum HRP II	Mouse	Monoclonal	IgG1	NaN3	EIA, LF	variable
IA31-Ab4	P. falciparum HRP II		Monoclonal			EIA, LF	variable
C01816M	P. falciparum HRP-2	Mouse	Monoclonal	IgG1	NaN3	EIA, LF, Pr	1.0 mg
C01584M	P. falciparum HRP-2	Mouse	Monoclonal	IgG2b	NaN3	EIA, LF, Pr	1.0 mg
C01585M	P. falciparum HRP-2	Mouse	Monoclonal	IgG1	NaN3	EIA, LF, Pr	1.0 mg
C01586M	P. falciparum HRP-2	Mouse	Monoclonal	IgG1	NaN3	EIA, LF, Pr	1.0 mg
C01661M	P. falciparum HRP-2	Mouse	Monoclonal	IgG1	NaN3	EIA	0.1 mg
C01817M	P. falciparum HRP-2	Mouse	Monoclonal	IgG1	NaN3	EIA, LF, Pr	1.0 mg
C01836M	P. falciparum HRP-2	Mouse	Monoclonal	IgG1	NaN3	EIA, LF, Pr	1.0 mg
C01837M	P. falciparum HRP-2	Mouse	Monoclonal	IgG1	NaN3	EIA, LF, Pr	1.0 mg
C01930M	P. falciparum HRP-2	Mouse	Monoclonal	IgG1	NaN3	EIA, LF, Pr	1.0 mg
C01931M	P. falciparum HRP-2	Mouse	Monoclonal	IgG1	NaN3	EIA, LF, Pr	1.0 mg
C01932M	P. falciparum HRP-2	Mouse	Monoclonal	IgG1	NaN3	EIA, LF, Pr	1.0 mg
MPFG-55A	P. falciparum HRP-2	Mouse	Monoclonal	IgG1k	NaN3	EIA	1.0 mg
MPFM-55A	P. falciparum HRP-2	Mouse	Monoclonal	IgMk	NaN3	EIA	1.0 mg
MPFG-55P	P. falciparum HRP-2, conjugated	Mouse	Monoclonal		Thimerosal	EIA	0.5 mg
C01833M	P. falciparum pLDH	Mouse	Monoclonal	IgG1,k	NaN3	EIA, LF, Pr	1.0 mg
C86863M	P. falciparum S antigen	Mouse	Monoclonal	IgG2b,k	NaN3	EIA, WB	1.0 mg
IA32-Ab2	P. vivax LDH	Mouse	Monoclonal	IgG1	NaN3	EIA, LF	variable
MSP1-55A-6E7	P. vivax MSP1	Mouse	Monoclonal	IgG1	NaN3	EIA	1.0 mg
MSP1-55A-6G2	P. vivax MSP1	Mouse	Monoclonal	IgG1	NaN3	EIA	1.0 mg
RPVA-55A	Plasmodium aldolase	Rabbit	Polyclonal		NaN3	EIA	1.0 mg
RPVA-55P	Plasmodium aldolase, conjugated	Rabbit	Polyclonal		Thimerosal	EIA	0.5 mg
C66509M	Plasmodium pLDH	Mouse	Monoclonal	IgG2b,k	NaN3	EIA	1.0 mg
IA32-Ab1	Plasmodium pLDH	Mouse	Monoclonal	IgG1	NaN3	EIA, LF	variable
C01835M	Plasmodium pLDH (pan)	Mouse	Monoclonal	IgG1	NaN3	EIA, LF, Pr	1.0 mg
IA33-Ab1	Plasmodium pLDH (pan)	Mouse	Monoclonal	IgG1	NaN3	EIA, LF	variable
IA33-Ab2	Plasmodium pLDH (pan)	Mouse	Monoclonal	IgG1	NaN3	EIA, LF	variable

HRP-2: Histidine-Rich Protein 2; **MSP1:** Merozoite Surface Protein 1; **pLDH:** Lactate Dehydrogenase

In addition to antibodies against Malaria, many antibodies and antigens to other infectious diseases, as well as human and animal proteins, are available from Dunn Labortechnik.

For more information and full product lists, please visit our website www.dunnlab.de
or contact us directly at info@dunnlab.de.