,	Iabl	le 10. Essent		racteris	ucs of A	nu-Mal	aria H	KP-2 M	onocion	ai Antil	bodies a	na Epit	ope An	alysis Da	asea on	Synthet	ic rept	laes
								Ag	g-ELISA	method (A	4490nm)	Ab Con	c. = 1ug/r	nL				
Epitope	BMR	Clone No.	Mouse IgG	Recombinat				С	arrier proteir	(BSA) is co	njugated to N	N-terminal or	C-terminal	of each pepti	de			
Group	Cat No.		Isotype	Protein					-		BSA+	Peptide		* *				
				HRP-2	N6+A12	A12+C6	A11	A12	H10	H11	H12	A7	A8	A9	A10	H7	H8	H9
	BMRmh015	MAL3-259	IgG2a	3.584	3.933	3.997	3.805	3.587	3.794	3.813	3.618	1.429	2.209	3.579	3.646	0.758	3.694	3.812
	BMRmh040	MAL3-1192	IgG2a	3.552	3.684	3.872	3.891	3.256	3.887	3.888	3.842	1.169	1.862	3.417	3.733	0.517	3.700	3.814
	BMRmh018	MAL3-902	IgG2a	3.603	3.887	3.964	4.000	3.026	4.000	4.000	3.618	1.221	1.795	3.713	4.000	0.369	4.000	4.000
А	BMRmh039	MAL3-1082	IgG2a	3.409	3.655	3.685	3.736	3.424	3.692	3.720	3.710	0.762	1.611	2.825	3.274	0.377	3.300	3.620
	BMRmh036	MAL3-571	IgG2a	3.451	3.546	3.804	3.766	3.693	3.744	3.762	3.794	0.716	1.305	2.353	2.956	0.361	2.842	3.644
	BMRmh020	MAL3-1277	IgG2b	3.691	3.750	3.919	3.795	3.544	3.812	3.785	3.646	0.516	1.277	2.834	3.264	0.306	3.382	3.713
	BMRmh038	MAL 3-979	IgG2b	3.876 3.502	4.000	4.000 3.687	4.000	4.000 3.710	4.000	4.000	4.000	0.464	1.315	2.890	3.428	0.272	3.833	4.000
	BMRmh037 BMRmh003	MAL3-713 MAL2-562	IgG2a IgG2a	3.667	3.733 4.000	4.000	4.000	4.000	4.000	4.000 4.000	3.897 4.000	0.361 0.051	0.686	1.546 4.000	2.058 4.000	0.209	2.048 2.814	2.531
	BMRmh003	MAL2-302 MAL2-1708	IgG2a IgG2b	3.746	3.991	4.000	3.990	4.000	4.000	4.000	3.995	0.060	3.226	3.999	3.884	0.054	0.644	1.506
В	BMRmh006	MAL2-1708 MAL2-1185	IgG2b	3.847	4.000	4.000	3.805	4.000	3.852	4.000	4.000	0.048	3.177	3.987	4.000	0.054	0.392	0.898
2	BMRmh009	MAL2-1185 MAL2-1397	IgG20	3.557	3.884	3.910	4.000	3.896	3.992	3.927	3.919	0.043	2.778	3.860	3.646	0.032	0.806	1.238
	BMRmh024	MAL2-63	IgG2a	3.461	3.892	3.905	4.000	3.893	4.000	3.911	3.915	0.046	2.618	4.000	3.829	0.048	0.443	0.827
	BMRmh012	MAL2-1694	IgG1	2.576	3.839	3.870	3.870	3.820	3.858	3.873	3.860	0.046	1.105	3.833	3.515	0.047	0.127	0.230
	BMRmh002	MAL2-374	IgG1	2.519	3.962	4.000	4.000	3.993	4.000	3.995	3.990	0.048	1.240	4.000	3.746	0.049	0.110	0.198
	BMRmh029	MAL2-1592	IgG1	2.515	3.703	3.704	3.741	3.711	3.712	3.721	3.709	0.053	1.040	3.674	3.634	0.052	0.102	0.159
	BMRmh025	MAL2-507	IgG2a	3.650	4.000	4.000	4.000	4.000	4.000	4.000	4.000	0.044	0.863	4.000	4.000	0.047	0.073	0.092
С	BMRmh033	MAL2-1999	IgG1	2.397	3.590	3.587	3.580	3.589	3.542	3.561	3.578	0.061	0.667	3.535	3.468	0.058	0.085	0.098
	BMRmh001	MAL2-61	IgG2a	3.436	3.855	3.889	3.787	3.896	3.766	3.883	3.879	0.045	0.639	3.731	3.720	0.046	0.065	0.096
	BMRmh032	MAL2-1848	IgG2a	3.708	4.000	4.000	4.000	4.000	4.000	4.000	4.000	0.047	0.563	3.835	3.507	0.048	0.072	0.077
	BMRmh028	MAL2-1564	IgG1	2.607	4.000	4.000	4.000	4.000	4.000	4.000	4.000	0.056	0.501	4.000	3.728	0.056	0.093	0.095
	BMRmh030	MAL2-1703	IgG1	2.589	3.861	3.887	3.853	3.855	3.811	3.883	3.897	0.048	0.473	3.701	3.497	0.051	0.070	0.118
D	BMRmh004	MAL2-967	IgG1	2.559	3.836	3.887	3.568	3.858	3.586	3.891	3.862	0.048	0.129	3.544	3.580	0.048	0.058	0.060
	BMRmh010	MAL2-1547	IgG1	2.667	3.953	4.000	3.955	3.851	3.954	3.995	3.984	0.049	0.109	3.568	3.393	0.045	0.051	0.054
F	BMRmh027	MAL2-1329	IgG1	2.525 3.968	2.660 3.981	3.710 2.775	0.193	2.294 3.721	0.256	3.308 3.965	3.094 3.548	0.064	0.059	3.610 1.231	3.576 3.921	0.051	0.062	0.073
E	BMRmh007 BMRmh026	MAL2-1324 MAL2-654	IgG2b IgG2a	3.596	3.175	2.630	0.086	2.349	0.080	3.260	2.461	0.049	0.047	1.633	3.614	0.030	0.049	0.053
	BMRmh023	MAL1-1039	IgG2a IgG2b	3.576	3.422	3.678	0.085	3.203	0.058	2.440	3.429	0.040	0.054	0.071	3.386	0.048	0.051	0.051
F	BMRmh005	MAL2-1180	IgG1	2.621	3.299	3.065	0.060	3.121	0.063	3.572	3.256	0.050	0.054	0.246	2.689	0.052	0.054	0.050
G	BMRmh022	MAL3-1359	IgG2a	3.668	3.424	3.234	4.000	3.184	4.000	4.000	3.981	0.059	0.078	0.085	0.287	0.050	0.083	1.116
	BMRmh011	MAL2-1581	IgG2a	3.125	3.954	3.777	4.000	4.000	4.000	3.889	3.264	0.076	0.086	0.113	0.082	0.061	0.116	0.105
Н	BMRmh013	MAL3-53	IgG2a	3.241	3.491	3.748	3.499	2.924	3.485	3.538	3.491	0.046	0.048	0.061	0.057	0.045	0.066	0.097
	BMRmh019	MAL3-957	IgG2a	3.584	2.526	3.111	0.048	1.273	0.045	0.227	3.828	0.043	0.045	0.048	0.056	0.048	0.047	0.046
т	BMRmh016	MAL3-289	IgG2a	3.524	2.057	4.000	0.049	1.316	0.048	0.219	3.488	0.046	0.049	0.049	0.055	0.048	0.048	0.047
1	BMRmh035	MAL3-273	IgG2b	3.853	1.973	3.793	0.048	1.033	0.048	0.210	3.591	0.060	0.051	0.050	0.059	0.049	0.048	0.046
	BMRmh034	MAL3-52	IgG2b	3.471	1.150	2.868	0.054	0.285	0.053	0.090	2.520	0.050	0.054	0.059	0.070	0.060	0.054	0.051
Ţ	BMRmh017	MAL3-328	IgG2a	3.398	2.057	3.682	0.050	0.048	0.057	0.060	0.072	0.049	0.053	0.051	0.053	0.053	0.051	0.049
J	BMRmh041	MAL3-1301	IgG2a	3.695	1.109	4.000	0.044	0.043	0.044	0.048	0.050	0.043	0.045	0.067	0.045	0.044	0.047	0.045
-	BMRmh014	MAL3-223	IgG2a	3.508	0.968	3.489	0.044	0.043	0.045	0.051	0.059	0.046	0.049	0.048	0.049	0.050	0.048	0.046
	BMRmh021	MAL3-1283	IgG2a	3.569	0.148	2.412	0.051	0.044	0.132	0.054	0.054	0.045	0.051	0.048	0.046	0.045	0.049	0.047
Control	Commercial Ab	B1931M	IgG1	1.906	3.597	3.639	3.610	3.558	3.566	3.584	3.548	0.071	0.167	0.269	0.245	0.073	0.115	0.080
		B1939M	IgG1	2.436	3.647	3.715	1.106	3.325	1.190	3.627	3.642	0.082	0.184	2.471	3.387	0.073	0.229	0.367

Table 10. Essential Characteristics of Anti-Malaria HRP-2 Monoclonal Antibodies and Epitope Analysis based on Synthetic Peptides

		e 10. Essent										Ab Con	-	•			A	
Epitope	BMR Cat No.	Clone No.	Mouse IgG Isotype								· · ·		U		· 1			
Group				Recombinat Protein	Carrier protein (BSA) is conjugated to N-terminal or C-terminal of each peptide BSA+Peptide													
oroup				HRP-2	N6+A12	A12+C6	A11	A12	H10	H11	H12	A7	A8	A9	A10	H7	H8	H9
	BMRmh015	MAL3-259	IgG2a	3.584	3.933	3.997	3.805	A12 3.587	3.794	3.813	3.618	A7 1.429	Ao 2.209	A9 3.579	3.646	0.758	110 3.694	3.812
	BMRmh040	MAL3-1192	IgG2a IgG2a	3.552	3.684	3.872	3.803	3.256	3.887	3.888	3.842	1.169	1.862	3.417	3.733	0.517	3.700	3.812
	BMRmh040 BMRmh018	MAL3-902	IgG2a IgG2a	3.603	3.887	3.964	4.000	3.026	4.000	4.000	3.618	1.221	1.795	3.713	4.000	0.369	4.000	4.000
	BMRmh039	MAL3-1082	IgG2a IgG2a	3.409	3.655	3.685	3.736	3.424	3.692	3.720	3.710	0.762	1.611	2.825	3.274	0.377	3.300	3.620
А	BMRmh036	MAL3-571	IgG2a IgG2a	3.451	3.546	3.804	3.766	3.693	3.744	3.762	3.794	0.716	1.305	2.353	2.956	0.361	2.842	3.644
	BMRmh020	MAL3-371 MAL3-1277	IgG2b	3.691	3.750	3.919	3.795	3.544	3.812	3.785	3.646	0.516	1.277	2.834	3.264	0.306	3.382	3.713
	BMRmh038	MAL3-979	IgG2b	3.876	4.000	4.000	4.000	4.000	4.000	4.000	4.000	0.464	1.315	2.890	3.428	0.272	3.833	4.000
	BMRmh037	MAL3-713	IgG2a	3.502	3.733	3.687	4.000	3.710	4.000	4.000	3.897	0.361	0.686	1.546	2.058	0.209	2.048	3.743
	BMRmh003	MAL2-562	IgG2a	3.667	4.000	4.000	4.000	4.000	4.000	4.000	4.000	0.051	4.000	4.000	4.000	0.056	2.814	2.531
	BMRmh031	MAL2-1708	IgG2b	3.746	3.991	4.000	3.990	4.000	4.000	4.000	3.995	0.060	3.226	3.999	3.884	0.054	0.644	1.506
В	BMRmh006	MAL2-1185	IgG2b	3.847	4.000	4.000	3.805	4.000	3.852	4.000	4.000	0.048	3.177	3.987	4.000	0.052	0.392	0.898
	BMRmh009	MAL2-1397	IgG2a	3.557	3.884	3.910	4.000	3.896	3.992	3.927	3.919	0.047	2.778	3.860	3.646	0.046	0.806	1.238
	BMRmh024	MAL2-63	IgG2a	3.461	3.892	3.905	4.000	3.893	4.000	3.911	3.915	0.046	2.618	4.000	3.829	0.048	0.443	0.827
	BMRmh012	MAL2-1694	IgG1	2.576	3.839	3.870	3.870	3.820	3.858	3.873	3.860	0.046	1.105	3.833	3.515	0.047	0.127	0.230
	BMRmh002	MAL2-374	IgG1	2.519	3.962	4.000	4.000	3.993	4.000	3.995	3.990	0.048	1.240	4.000	3.746	0.049	0.110	0.198
	BMRmh029	MAL2-1592	IgG1	2.515	3.703	3.704	3.741	3.711	3.712	3.721	3.709	0.053	1.040	3.674	3.634	0.052	0.102	0.159
	BMRmh025	MAL2-507	IgG2a	3.650	4.000	4.000	4.000	4.000	4.000	4.000	4.000	0.044	0.863	4.000	4.000	0.047	0.073	0.092
С	BMRmh033	MAL2-1999	IgG1	2.397	3.590	3.587	3.580	3.589	3.542	3.561	3.578	0.061	0.667	3.535	3.468	0.058	0.085	0.098
	BMRmh001	MAL2-61	IgG2a	3.436	3.855	3.889	3.787	3.896	3.766	3.883	3.879	0.045	0.639	3.731	3.720	0.046	0.065	0.096
	BMRmh032	MAL2-1848	IgG2a	3.708	4.000	4.000	4.000	4.000	4.000	4.000	4.000	0.047	0.563	3.835	3.507	0.048	0.072	0.077
	BMRmh028	MAL2-1564	IgG1	2.607	4.000	4.000	4.000	4.000	4.000	4.000	4.000	0.056	0.501	4.000	3.728	0.056	0.093	0.095
	BMRmh030	MAL2-1703	IgG1	2.589	3.861	3.887	3.853	3.855	3.811	3.883	3.897	0.048	0.473	3.701	3.497	0.051	0.070	0.118
D	BMRmh004	MAL2-967	IgG1	2.559	3.836	3.887	3.568	3.858	3.586	3.891	3.862	0.048	0.129	3.544	3.580	0.048	0.058	0.060
D	BMRmh010	MAL2-1547	IgG1	2.667	3.953	4.000	3.955	3.851	3.954	3.995	3.984	0.049	0.109	3.568	3.393	0.045	0.051	0.054
	BMRmh027	MAL2-1329	IgG1	2.525	2.660	3.710	0.193	2.294	0.256	3.308	3.094	0.064	0.059	3.610	3.576	0.051	0.062	0.073
Е	BMRmh007	MAL2-1324	IgG2b	3.968	3.981	2.775	0.086	3.721	0.086	3.965	3.548	0.049	0.060	1.231	3.921	0.050	0.062	0.053
	BMRmh026	MAL2-654	IgG2a	3.596	3.175	2.630	0.085	2.349	0.080	3.260	2.461	0.046	0.047	1.633	3.614	0.048	0.049	0.051
F	BMRmh023	MAL1-1039	IgG2b	3.516	3.422	3.678	0.055	3.203	0.058	2.440	3.429	0.050	0.054	0.071	3.386	0.052	0.051	0.058
•	BMRmh005	MAL2-1180	IgG1	2.621	3.299	3.065	0.060	3.121	0.063	3.572	3.256	0.050	0.051	0.246	2.689	0.050	0.054	0.051
G	BMRmh022	MAL3-1359	IgG2a	3.668	3.424	3.234	4.000	3.184	4.000	4.000	3.981	0.059	0.078	0.085	0.287	0.050	0.083	1.116
Н	BMRmh011	MAL2-1581	IgG2a	3.125	3.954	3.777	4.000	4.000	4.000	3.889	3.264	0.076	0.086	0.113	0.082	0.061	0.116	0.105
	BMRmh013	MAL3-53	IgG2a	3.241	3.491	3.748	3.499	2.924	3.485	3.538	3.491	0.046	0.048	0.061	0.057	0.045	0.066	0.097
	BMRmh019	MAL3-957	IgG2a	3.584	2.526	3.111	0.048	1.273	0.045	0.227	3.828	0.043	0.045	0.048	0.056	0.048	0.047	0.046
Ι	BMRmh016	MAL3-289	IgG2a	3.524	2.057	4.000	0.049	1.316	0.048	0.219	3.488	0.046	0.049	0.049	0.055	0.048	0.048	0.047
	BMRmh035	MAL3-273	IgG2b	3.853	1.973	3.793	0.048	1.033	0.048	0.210	3.591	0.060	0.051	0.050	0.059	0.049	0.048	0.046
	BMRmh034	MAL3-52	IgG2b	3.471	1.150	2.868	0.054	0.285	0.053	0.090	2.520	0.050	0.054	0.059	0.070	0.060	0.054	0.051
	BMRmh017	MAL3-328	IgG2a	3.398	2.057	3.682	0.050	0.048	0.057	0.060	0.072	0.049	0.053	0.051	0.053	0.053	0.051	0.049
J	BMRmh041	MAL3-1301	IgG2a	3.695	1.109	4.000	0.044	0.043	0.044	0.048	0.050	0.043	0.045	0.067	0.045	0.044	0.047	0.045
	BMRmh014	MAL3-223	IgG2a	3.508	0.968	3.489	0.044	0.043	0.045	0.051	0.059	0.046	0.049	0.048	0.049	0.050	0.048	0.046
	BMRmh021	MAL3-1283	IgG2a	3.569	0.148	2.412	0.051	0.044	0.132	0.054	0.054	0.045	0.051	0.048	0.046	0.045	0.049	0.047
Control	Commercial Ab	B1931M	IgG1	1.906	3.597	3.639	3.610	3.558	3.566	3.584	3.548	0.071	0.167	0.269	0.245	0.073	0.115	0.080
		B1939M	IgG1	2.436	3.647	3.715	1.106	3.325	1.190	3.627	3.642	0.082	0.184	2.471	3.387	0.073	0.229	0.367

Product Name	Anti-Malaria HRP-2 Monoclonal Antibody	Anti-Malaria HRP-2 Monoclonal Antibo						
BMR Catalog No.	BMRmh001	BMRmh002	BMRmh003	BMRmh004	BMRmh005	BMRmh006	BMRmh007	BMRmh009
Clone Number	MAL2-61	MAL2-374	MAL2-562	MAL2-967	MAL2-1180	MAL2-1185	MAL2-1324	MAL2-1397
Lot Number	Depend on the purification Lot							
Isotype	IgG2a	IgG1	IgG2a	IgG1	IgG1	IgG2b	IgG2b	IgG2a
Concentration	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)
Host	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myelon cells with spleen cells from BALB/c mice Source : Ascites
Immunogen	Malaria Histidine-Rich protein 2 (HRP-2) recombinant protein	Malaria Histidine-Rich protein 2 (HRP-2 recombinant protein						
Specificity	Malaria HRP-2 recombinant protein							
Cross Reactivity	Not tested							
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)
Form & Buffer	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mI Na ₂ HPO ₄
Storage	Store at 2-8°C							
Method of Purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification
Size	3mg							
Contaminants	NA							
Preservative	0.05% NaN ₃							
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.

* Contact us for matching pairs



Product Name	Anti-Malaria HRP-2 Monoclonal Antibody	Anti-Malaria HRP-2 Monoclonal Antibo						
BMR Catalog No.	BMRmh010	BMRmh011	BMRmh012	BMRmh013	BMRmh014	BMRmh015	BMRmh016	BMRmh017
Clone Number	MAL2-1547	MAL2-1581	MAL2-1694	MAL3-53	MAL3-223	MAL3-259	MAL3-289	MAL3-328
Lot Number	Depend on the purification Lot							
Isotype	IgG1	IgG2a	IgG1	IgG2a	IgG2a	IgG2a	IgG2a	IgG2a
Concentration	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)
Host	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myelom cells with spleen cells from BALB/c mice Source : Ascites
Immunogen	Malaria Histidine-Rich protein 2 (HRP-2) recombinant protein	Malaria Histidine-Rich protein 2 (HRP-2 recombinant protein						
Specificity	Malaria HRP-2 recombinant protein							
Cross Reactivity	Not tested							
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)
Form & Buffer	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄
Storage	Store at 2-8°C							
Method of Purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification
Size	3mg							
Contaminants	NA							
Preservative	0.05% NaN ₃							
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	a preservative. Although the amount of sodium azide is very small appropriate care	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.

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Product Name	Anti-Malaria HRP-2 Monoclonal Antibody	Anti-Malaria HRP-2 Monoclonal Antibo						
BMR Catalog No.	BMRmh018	BMRmh019	BMRmh020	BMRmh021	BMRmh022	BMRmh023	BMRmh024	BMRmh025
Clone Number	MAL3-902	MAL3-957	MAL3-1277	MAL3-1283	MAL3-1359	MAL1-1039	MAL2-63	MAL2-507
Lot Number	Depend on the purification Lot							
Isotype	IgG2a	IgG2a	IgG2b	IgG2a	IgG2a	IgG2b	IgG2a	IgG2a
Concentration	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)
Host	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myelom cells with spleen cells from BALB/c mice. Source : Ascites
Immunogen	Malaria Histidine-Rich protein 2 (HRP-2) recombinant protein	Malaria Histidine-Rich protein 2 (HRP-2 recombinant protein						
Specificity	Malaria HRP-2 recombinant protein							
Cross Reactivity	Not tested							
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)
Form & Buffer	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KC1, 1.5mM KH ₂ PO ₄ , 140mM NaC1, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KC1, 1.5mM KH ₂ PO ₄ , 140mM NaC1, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mN Na ₂ HPO ₄
Storage	Store at 2-8°C							
Method of Purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification
Size	3mg							
Contaminants	NA							
Preservative	0.05% NaN ₃							
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	a preservative. Although the amount of sodium azide is very small appropriate care	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.

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Product Name	Anti-Malaria HRP-2 Monoclonal Antibody	Anti-Malaria HRP-2 Monoclonal Antibo						
BMR Catalog No.	BMRmh026	BMRmh027	BMRmh028	BMRmh029	BMRmh030	BMRmh031	BMRmh032	BMRmh033
Clone Number	MAL2-654	MAL2-1329	MAL2-1564	MAL2-1592	MAL2-1703	MAL2-1708	MAL2-1848	MAL2-1999
Lot Number	Depend on the purification Lot	Depend on the purification Lot						
Isotype	IgG2a	IgG1	IgG1	IgG1	IgG1	IgG2b	IgG2a	IgG1
Concentration	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)
Host	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myelor cells with spleen cells from BALB/c mic Source : Ascites
Immunogen	Malaria Histidine-Rich protein 2 (HRP-2) recombinant protein	Malaria Histidine-Rich protein 2 (HRP- recombinant protein						
Specificity	Malaria HRP-2 recombinant protein	Malaria HRP-2 recombinant protein						
Cross Reactivity	Not tested	Not tested						
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)
Form & Buffer	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0m Na ₂ HPO ₄
Storage	Store at 2-8°C	Store at 2-8°C						
Method of Purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification
Size	3mg	3mg						
Contaminants	NA	NA						
Preservative	0.05% NaN ₃	0.05% NaN ₃						
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide a preservative. Although the amount of sodium azide is very small appropriate car must be taken when handling.

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Product Name	Anti-Malaria HRP-2 Monoclonal Antibody	Anti-Malaria HRP-2 Monoclonal Antibo						
BMR Catalog No.	BMRmh034	BMRmh035	BMRmh036	BMRmh037	BMRmh038	BMRmh039	BMRmh040	BMRmh041
Clone Number	MAL3-52	MAL3-273	MAL3-571	MAL3-713	MAL3-979	MAL3-1082	MAL3-1192	MAL3-1301
Lot Number	Depend on the purification Lot	Depend on the purification Lot						
Isotype	IgG2b	IgG2b	IgG2a	IgG2a	IgG2b	IgG2a	IgG2a	IgG2a
Concentration	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)
Host	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites	Host : Mouse. Hybridization of P3X63.Ag8.653 myelon cells with spleen cells from BALB/c mice Source : Ascites
Immunogen	Malaria Histidine-Rich protein 2 (HRP-2) recombinant protein	Malaria Histidine-Rich protein 2 (HRP-2 recombinant protein						
Specificity	Malaria HRP-2 recombinant protein	Malaria HRP-2 recombinant protein						
Cross Reactivity	Not tested	Not tested						
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)
Form & Buffer	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0m Na ₂ HPO ₄
Storage	Store at 2-8°C	Store at 2-8°C						
Method of Purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification
Size	3mg	3mg						
Contaminants	NA	NA						
Preservative	0.05% NaN ₃	0.05% NaN ₃						
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.

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