

Yellow Fever Donor Sera

The Native Antigen Company offers of a unique panel of YFV donor sera. Sera has been collected from a panel of donors who have been immunised with the Yellow Fever vaccine, Stamaril, with samples available from each donor prior to vaccination, and at 2-week and 6-week time points, to allow for assessment of IgM and IgG responses. Our YFV sera is appropriate for use in diagnostic immunoassay controls, for both YFV assays and to investigate assay cross-reactivity with other flaviviruses. All patients were tested negative for HIV, Hep B and HCV.

Patient ID	180700	180701	180702	180706	180707	180708	180709	180711	180712	180713
Age	37	43	54	39	31	37	34	41	40	33
Gender	MALE	MALE	FEMALE	FEMALE	MALE	FEMALE	MALE	MALE	MALE	FEMALE
Travel History	Egypt	EU	EU	Japan	EU	India	EU	EU	Australia	Australia
	EU	Canada	Thailand	Malaysia	Morocco		Canada	USA	Canada	Canary Islands
	Gran Canaria	USA	Turkey	Philippines					Egypt	Egypt
	Hong Kong			Singapore					EU	EU
	Madeira								Hong Kong	Mauritius
	Seychelles								Mexico	Madagascar
	Turkey								Thailand	New Zealand
	USA								USA	South Africa
										Thailand
IgG Pre-Bleed	0.386	0.233	0.699	0.717	0.693	2.617	0.316	0.230	0.451	0.247
IgM Pre-Bleed	0.221	0.173	0.146	0.277	0.364	0.366	0.272	0.275	0.246	0.233
Vaccine*	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
IgG week 2	0.422	0.274	3.046	1.865	0.689	N/A	0.526	0.234	0.333	0.404
IgM week 2	0.918	0.282	0.598	0.932	0.635	N/A	0.750	0.537	1.179	0.662
IgG week 6	1.424	1.245	4.000	4.000	1.456	3.172	2.087	1.450	2.089	1.445
IgM week 6	1.139	0.821	0.456	2.679	0.586	1.623	0.450	0.848	1.216	0.318
IgG Month 6	4.000	1.402	N/A	4.000	N/A	N/A	3.206	2.552	N/A	2.187
IgM Month 6	0.308	0.320	N/A	1.331	N/A	N/A	0.158	0.230	N/A	0.105

Data points show ELISA OD in a simple serological assay using Yellow Fever virus NS1 protein.

*Stamaril Yellow Fever vaccine used (strain 17D).

Red indicates patient contracted fever while in this country.