

## 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, 6-week time 6-month and 12-month 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
<b>Age</b>	37	43	54	39	31	37	34	41	40	33
<b>Gender</b>	MALE	MALE	FEMALE	FEMALE	MALE	FEMALE	MALE	MALE	MALE	FEMALE
<b>Travel History</b>	Egypt EU Gran Canaria Hong Kong Madeira Seychelles Turkey USA	EU Canada USA	EU Thailand Turkey	Japan Malaysia Philippines Singapore	EU Morocco	India	EU Canada	EU USA	Australia Canada Egypt EU Hong Kong Mexico Thailand USA	Australia Canary Islands Egypt EU Mauritius Madagascar New Zealand South Africa Thailand
<b>IgG Pre-Bleed (SER71200)</b>	0.386	0.233	0.699	0.717	0.693	2.617	0.316	0.230	0.451	0.247
<b>IgM Pre-Bleed (SER71200)</b>	0.221	0.173	0.146	0.277	0.364	0.366	0.272	0.275	0.246	0.233
<b>Vaccine*</b>	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>IgG week 2 (SER71201)</b>	0.422	0.274	3.046	1.865	0.689	N/A	0.526	0.234	0.333	0.404
<b>IgM week 2 (SER71201)</b>	0.918	0.282	0.598	0.932	0.635	N/A	0.750	0.537	1.179	0.662
<b>IgG week 6 (SER71202)</b>	1.424	1.245	4.000	4.000	1.456	3.172	2.087	1.450	2.089	1.445
<b>IgM week 6 (SER71202)</b>	1.139	0.821	0.456	2.679	0.586	1.623	0.450	0.848	1.216	0.318
<b>IgG Month 6 (SER71206)</b>	4.000	1.402	N/A	4.000	N/A	N/A	3.206	2.552	N/A	2.187
<b>IgM Month 6 (SER71206)</b>	0.308	0.320	N/A	1.331	N/A	N/A	0.158	0.230	N/A	0.105
<b>IgG Month 12 (SER71209)</b>	2.464	0.605	N/A	3.384	N/A	N/A	2.080	0.830	N/A	0.909
<b>IgM Month 12 (SER71209)</b>	0.128	0.105	N/A	0.413	N/A	N/A	0.097	0.125	N/A	0.116

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.