

Supplemental Table 1: ELISA Titers and Neutralization Capabilities of Individual Mouse Sera

<i>HlaH35L Dose</i> (μg)	<i>Mouse</i>	<i>CFU</i>	<i>ELISA</i> (ED_{50})	<i>Neutralization</i>
0.0195	1	4.50×10^7	40.37	Non-neutralizing
	2	4.25×10^7	180.1	Non-neutralizing
	3	6.25×10^6	35.31	Non-neutralizing
	4	1.75×10^7	155.7	Non-neutralizing
	5	3.25×10^7	127	Non-neutralizing
	6	6.00×10^7	51.78	Non-neutralizing
	7	2.75×10^7	34.28	Non-neutralizing
	8	8.00×10^7	55.67	Non-neutralizing
	9	4.75×10^7	102.7	Non-neutralizing
	10	1.20×10^7	65.21	Non-neutralizing
0.078	1	1.48×10^4	1994	Non-neutralizing
	2	5.00×10^3	442.7	Non-neutralizing
	3	3.00×10^7	275.3	Non-neutralizing
	4	3.50×10^4	632.7	Non-neutralizing
	5	1.18×10^7	206.1	Non-neutralizing
	6	6.50×10^7	26.74	Non-neutralizing
	7	1.75×10^5	430.8	Non-neutralizing
	8	9.50×10^7	48.89	Non-neutralizing
	9	1.75×10^4	326.8	Non-neutralizing
	10	1.25×10^8	32.10	Non-neutralizing
0.031	1	3.5×10^4	895.2	Non-neutralizing
	2	1.23×10^7	680.6	Non-neutralizing

	3	2.25×10^4	5995	Partially neutralizing
	4	1.33×10^6	1261	Non-neutralizing
	5	9.25×10^5	2803	Non-neutralizing
	6	4.25×10^4	1294	Non-neutralizing
	7	4.75×10^3	5489	Non-neutralizing
	8	1.25×10^8	1144	Non-neutralizing
	9	6.50×10^3	4451	Fully neutralizing
	10	9.50×10^3	5429	Partially neutralizing
1.25	1	2.50×10^4	3676	Non-neutralizing
	2	1.50×10^4	4893	Partially neutralizing
	3	3.25×10^5	10949	Fully neutralizing
	4	1.03×10^4	10289	Fully neutralizing
	5	3.50×10^3	6569	Fully neutralizing
	6	5.00×10^4	8336	Fully neutralizing
	7	2.50×10^3	4108	Partially neutralizing
	8	1.25×10^4	6188	Fully neutralizing
	9	2.75×10^4	4397	Non-neutralizing
	10	3.00×10^6	12736	Fully neutralizing
5	1	1.48×10^6	4825	Partially neutralizing
	2	9.00×10^5	7769	Partially neutralizing
	3	6.75×10^4	3554	Non-neutralizing
	4	9.00×10^3	7631	Non-neutralizing
	5	1.50×10^4	8270	Fully neutralizing
	6	1.18×10^5	8008	Fully neutralizing

	7	4.00×10^4	6850	Fully neutralizing
	8	4.75×10^4	3309	Non-neutralizing
	9	4.50×10^4	2720	Fully neutralizing
	10	5.25×10^3	6624	Fully neutralizing
20	1	3.50×10^3	9075	Fully neutralizing
	2	1.33×10^4	2969	Non-neutralizing
	3	4.25×10^4	13942	Fully neutralizing
	4	7.25×10^4	7877	Non-neutralizing
	5	1.25×10^3	11771	Fully neutralizing
	6	1.23×10^4	9487	Fully neutralizing
	7	1.40×10^4	3856	Non-neutralizing
	8	1.00×10^4	5366	Fully neutralizing
	9	2.50×10^5	4518	Non-neutralizing
	10	4.75×10^3	7047	Fully neutralizing
