

A/Anhui/1/13 Hemagglutinin Inhibition Assays:

	Isolate name [§]	H7 antigens		
		A/Anhui/13 H7N9	A/turkey/England/ 647/77 H7N7	A/African Starling/ England-Q/983/79 H7N1
Antisera	Uninfected SPF chicken	<2	<2	<2
	A/fairy bluebird/F92/9/Singapore/94 (H7N1)	8	2	8
	A/chicken/Wales/1306/07 (H7N2)	128	16	32
	A/England/268/96 (H7N7)	256	128	64
	A/chicken/England/4054/06 (H7N3)	64	16	16
	A/chicken/Brescia/1902 (H7N1)	16	16	8
	A/equine/Prague/56 (H7N7)	64	16	32
	A/turkey/Ireland/Pv74/95 (H7N7)	16	16	8
	A/turkey/England/647/77 (H7N7)	128	256 [#]	128
	A/goose/Czech Republic/1848/09 (H7N9) *	256	64	64
	A/mallard/Sweden/100999/08 (H7N7)	<2	4	2
	A/African Starling/England-Q/983/79 (H7N1)	256	Not done	256
	mAb 1	4096	Not done	Not done
	mAb10	2048	Not done	Not done
	mAb58	2048	Not done	Not done
	mAb61	<2	Not done	Not done
	A/duck/Hong Kong/91/76 (H9N2)	<1	<1	<1
	A/turkey/Ontario/7732/66 (H5N9)*	4	<1	<1
A/knot/England/07 (H9N9)*	64	<1	<1	

[§] (AI subtype) used to raise antisera, except for monoclonal antibodies (mAb prefix)

* Strong HI titre of antiserum A/goose/Czech Republic/1848/09 (anti-H7N9) to A/Anhui/1/13 (H7N9) may be at least in part due to the neuraminidase effect, *ie* N9 cross-reactivity. This is also apparent for the HI titres elicited by the H5N9 and H9N9 antisera, and underlines the importance of using H7 antisera with two different NA subtypes to confirm positive HA subtype results.

[#] Homologous titres are shown in orange.

NOTE: Chicken antisera to A/Anhui/1/13 (H7N9) are in the process of being raised at AHVLA, and this table will be updated accordingly.

A/Anhui/1/13 Neuraminidase Inhibition Assays:

Antiserum raised to below AI isolates (subtype)	Reactivity with A/Anhui/1/13
A/greylag goose/England/2429/07 (H2N9)	Positive NI
A/turkey/Ontario/7732/66 (H5N9)	Positive NI
A/goose/Czech Republic/11848/09 (H7N9)	Positive NI
A/Egyptian goose/South Africa/238/98 (H10N9)	Positive NI

AHVLA (UK), 2/5/2013