

**Supplemental Table S2. Classification of validation sera**

ID	Gender	AutoDelfia prolactin (mIU/L)		Recovery%	Monomer	RI	Classification	85% monomer		
		GFC	Post-PEG					Beltran et al	Classification	
		monomer %	Total	monomeric						
S1	Female	92	2592	2016	78	2385	505	Hyper	429	Hyper
S2	Female	74	1080	720	67	799	505	Hyper	429	Hyper
S3	Male	95	1440	1080	75	1368	398	Hyper	338	Hyper
S4	Male	83	3240	2376	73	2689	398	Hyper	338	Hyper
S5	Female	86	5040	3528	70	4334	505	Hyper	429	Hyper
S6	Female	90	6984	5472	78	6286	505	Hyper	429	Hyper
S7	Female	88	109872	89640	82	96687	505	Hyper	429	Hyper
S8	Female	87	112248	90072	80	97656	505	Hyper	429	Hyper
S9	Female	89	37512	32904	88	33386	505	Hyper	429	Hyper
S10	Female	90	24192	20304	84	21773	505	Hyper	429	Hyper
S11	Female	90	64008	59616	93	57607	505	Hyper	429	Hyper
S12	Female	36	2088	936	45	752	505	Hyper	429	Hyper
S13	Male	58	3456	1440	42	2004	398	Hyper	338	Hyper
S14	Female	41	1944	576	30	797	505	Hyper	429	Hyper
S15	Female	31	2232	288	13	692	505	Hyper	429	Hyper
S16	Female	27	1368	144	11	369	505	Macro	429	Macro
S17	Female	20	1368	288	21	274	505	Macro	429	Macro
S18	Female	12	1584	144	9	190	505	Macro	429	Macro
S19	Female	9	1152	144	13	104	505	Macro	429	Macro
S20	Female	9	2304	144	6	207	505	Macro	429	Macro
S21	Female	19	1872	288	15	356	505	Macro	429	Macro
S22	Female	10	2088	144	7	209	505	Macro	429	Macro
S23	Female	8	2232	144	6	179	505	Macro	429	Macro
S24	Female	7	3240	216	7	227	505	Macro	429	Macro
S25	Female	16	1512	216	14	242	505	Macro	429	Macro
S26	Female	7	4320	144	3	302	505	Macro	429	Macro
S27	Male	35	648	216	33	227	398	Macro	338	Macro

Serum samples are classified as hyperprolactinemic (H) when immunoassay concentrations corrected for prolactin monomer as determined by GFC/AutoDelfia analysis are higher than the platform specific reference interval. Macroprolactinemic (M) samples are classified as such if PEG recovery is <50% as determined by the AutoDelfia method and prolactin concentration is contained in the reference interval after correction for prolactin monomer content as determined by GFC/AutoDelfia analysis