

Table 1. Quick P4 vs. Lab Results for Pregnant Mares

Lateral Flow Quick P4	RIA Cornell	RIA Bet Lab	Horse ID	Days Pregnant	Comments
8.6	6.5	5.5	Cat	95	
6.4	6.0	5.5	Remedy	24	
12.3	3.6	2.5	4528	90	
8.7	11.7	9.9	Chexie	47	
>15		18.2	66	44	
7.8		8.0	7	54	
5.7		8.8	66	31	NO Suppl.
3.3	8.7	6.5	90	48	NO Suppl.
15	4.8	4.5	21	250	NO Suppl.
9.6	30.8	25.2	102	137	NO Suppl.
2.8	4.5		13	262	NO Suppl.
7.3	4.0		13	275	NO Suppl.
7.8	5.4		13	316	NO Suppl.
3.2	14.8		13	332	NO Suppl.
9.7	5.0	5.7	7	68	NO Suppl.
12	23.7		65	120	NO Suppl.
>15	4.7		21	247	NO Suppl.
10.6	13.6		80	159	NO Suppl.
3.4	3.7		69	286	NO Suppl.
3.7	3.7		Callista	268	NO Suppl.
15	8.13		Vada	209	NO Suppl.
4.3	10.5		Party	277	NO Suppl.
6	5.1		Lady	265	NO Suppl.
7	5.3		Impatience	243	NO Suppl.
5.1	3.8		Hot	221	NO Suppl.
4.5	5.7		Blondie	262	NO Suppl.
3.7	3.9		Rebel	250	NO Suppl.
5	4.7		Cat	250	NO Suppl.
3.7	<0.06		Martha	244	NO Suppl. Lab is wrong mare is preg.
4	5.5		75	226	NO Suppl.
15	9.8		Oil	255	NO Suppl.
6.5	6.0		Knob	287	NO Suppl.
4.6	6.75		254	297	NO Suppl.
3.4	6.2		77	299	NO Suppl.
15	6.6		80	219	NO Suppl.
2.5	8.2	7.4	18	63	Regumate
7.4	10.7		18	133	Regumate
4.1	2.8		105	216	Regumate
4.1	7.3		8	297	Regumate
3.2	7.1		115	249	Regumate
4.6	5.7		88	282	Regumate
4.0	3.9		110	310	Regumate
9.3	16.6	18.7	82	66	Regumate & P4 Oil
5.5	9.7	8.8	54	31	Regumate & P4 Oil
4.7	5.3		105	190	Regumate & P4 Oil
14	27.8		102	209	Regumate & P4 Oil
13.1	17.6		102	264	Regumate & P4 Oil
5	16.3		102	280	Regumate & P4 Oil
11.9	16.7		49	162	Regumate & P4 Oil
>15	33.9		71	233	Regumate & P4 Oil
7.4	5.5		105	203	Regumate & P4 Oil

Table1. Quick P4 vs. Lab Results for Pregnant Mares - Continued

Lateral Flow Quick P4	RIA Cornell	RIA Bet Lab	Horse ID	Days Pregnant	Comments
11.9	13.3		109	162	Regumate & P4 Oil
10.1	9.9		14	230	Regumate & P4 Oil
4.6	6.0		54	186	Regumate & P4 Oil
2.6	6.9		71	297	Regumate & P4 Oil
2.9	4.6		105	232	Regumate & P4 Oil

Table 2. Quick P4 vs. Lab Results for Non-Pregnant Mares

1.1	0.6	866	Not Pregnant
5.6	11.3	Y46	Not Pregnant
2.5	0.2	Vodlka	Not Pregnant
0.2	0.5	32	Foaled 3 days ago

- Lateral Flow test has 2 specific Monoclonal antibodies to bind P4 in a sandwich assay.
- RIA Lab tests use a single polyclonal antibody to bind P4 – in competitive assay- this results in less specific binding
- RIA lab results may give higher progesterone values which include both progesterone and progesterone metabolites.