

HR Lubricating Jelly

Study of Semen Exposure to Various Lubricants Viability Study

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Percentage of total (TM) and progressive motility (PM) of raw semen, extended semen and extended semen after exposure to 5% (v/v) solution of various lubricants during initial time and over 8, 24, 48 & 72 hrs.

Lubricant	TM 0	PM 0	TM 8	PM 8	TM 24	PM 24	TM 48	PM 48	TM 72	PM 72
Raw	93	53.5	58.6	10	0	0	0	0	0	0
Extended	44	27	78.5	52	69	31.5	51.5	32.5	53.5	31
HR Lube	79.5	59	67	48.5	59.5	29.5	64.5	35.5	64	33.5
Pre-Seed	80	56	67.5	35.5	58.5	23.5	47	25.5	61.5	18.5
Minilube	63.5	42	66	31	37	22	61	39	49	31.6
Safe Lube	2	0	3	0	0	0	0	0	0	0
Surgilube	75.33	42.6	87	32.5	32	11	18	3	10	1
Walgreen	78	54.5	62	30.5	63	32.5	48	28.5	37	14
Walmart	65	49	44.5	30	56.5	37.5	23	8	10.5	2.5
Rite Aid	53	38.5	82.5	36.5	46	21	39.5	19	8.5	3.5
Priority Care	53	33	27.5	17.5	53	28	26.5*	16.5*	17*	9*
KY Jelly	59	44.5	51	20	38.2*	20*	38.6	17.6	18	8.5
Triad	39.3	26.3	31	20.5	26.5*	15.5*	31.5*	20*	18.5*	8.5*

TM = Total motility

PM = Progressive motility

0, 8, 24, 48, 72 = hours

*Due to the presence of particles resuspended lubricant in the sample at this time point CASA was unable to determine an accurate motility.