



PARTICIPANT STATISTICS

FIRST SHIPMENT 2018

EMBRYOLOGY - SUMMARY DATA

Note: These data are presented for informational purposes only. They are not graded results.

Mouse Embryo - Percent blastocyst formation, with protein

	Stat Line	Range & Type	Specimen 1		Specimen 2			No. of Labs		
			Mean	SD	Range & Type	Mean	SD			
Initial Grouping by Method and Oil Use										
No oil & Frozen, two cell	1	0 - 9460	P	93.7	7.6	0 - 269	P	2.7	10	15
Oil & Frozen, one cell	2	0 - 9164	P	90.7	9.6	0 - 200	P	2	8	53
Oil & Frozen, two cell	3	0 - 9534	P	94.4	16.3	0 - 223	P	2.2	13.5	76
Initial Grouping by Reagent										
No oil	4	0 - 8903	P	88.2	21	0 - 303	P	3	9.5	20
Oil	5	0 - 9396	P	93	13.9	0 - 207	P	2.1	11.4	133
Total Population										
Whole Population	6	0 - 9332	P	92.4	15.1	0 - 220	P	2.2	11.1	153

Mouse Embryo - Percent blastocyst formation, without protein

	Stat Line	Range & Type	Specimen 1		Specimen 2			No. of Labs		
			Mean	SD	Range & Type	Mean	SD			
Initial Grouping by Method and Oil Use										
No oil & Frozen, two cell	1	0 - 194	C	94.2	6.9	0 - 104	C	3.5	10.2	16
Oil & Frozen, one cell	2	0 - 188	C	88.2	16.5	0 - 100	C	0.2	0.9	51
Oil & Frozen, two cell	3	0 - 191	C	91.3	16.3	0 - 101	C	0.9	7.6	74
Initial Grouping by Reagent										
No oil	4	0 - 191	C	91.3	9.3	0 - 103	C	2.9	9.4	19
Oil	5	0 - 190	C	90	16.4	0 - 101	C	0.6	5.8	128
Total Population										
Whole Population	6	0 - 190	C	90.2	15.6	0 - 101	C	0.9	6.5	147

Human Sperm Survival - Initial percent motility with protein

	Stat Line	Range & Type	Specimen 1		Specimen 2			No. of Labs		
			Mean	SD	Range & Type	Mean	SD			
Total Population										
Whole Population	1	0 - 189	C	89.3	10	0 - 189	C	89	10.5	133

Human Sperm Survival - Percent motility at 24 hours with protein

	Stat Line	Range & Type	Specimen 1		Specimen 2			No. of Labs		
			Mean	SD	Range & Type	Mean	SD			
Total Population										
Whole Population	1	0 - 184	C	84.4	74.8	0 - 147	C	46.6	44.1	132

Human Sperm Survival - Percent motility at 48 hours with protein

	Stat Line	Range & Type	Specimen 1		Specimen 2			No. of Labs		
			Mean	SD	Range & Type	Mean	SD			
Total Population										
Whole Population	1	0 - 164	C	64.3	21.4	0 - 120	C	19.6	20	123

Human Sperm Survival - Initial percent motility without protein

	Stat Line	Range & Type	Specimen 1		Specimen 2			No. of Labs		
			Mean	SD	Range & Type	Mean	SD			
Total Population										
Whole Population	1	0 - 188	C	88.1	10.6	0 - 188	C	87.9	11	135

Human Sperm Survival - Percent motility at 24 hours without protein

	Stat Line	Range & Type	Specimen 1		Specimen 2			No. of Labs		
			Mean	SD	Range & Type	Mean	SD			
Total Population										
Whole Population	1	0 - 172	C	72.2	17.9	0 - 135	C	35.1	24.4	133

Human Sperm Survival - Percent motility at 48 hours without protein

	Stat Line	Range & Type	Specimen 1		Specimen 2			No. of Labs		
			Mean	SD	Range & Type	Mean	SD			
Total Population										
Whole Population	1	0 - 161	C	61.2	23	0 - 114	C	14.3	18	125