



**PROFICIENCY TESTING SERVICE
AMERICAN ASSOCIATION OF BIOANALYSTS**

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PARTICIPANT STATISTICS

SECOND SHIPMENT 2016

EMBRYOLOGY - SUMMARY DATA

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

Mouse Embryo - Percent blastocyst formation

Name	Line No.	Mean	SD	Mean	SD	No. of Labs
Mouse Embryo - Percent blastocyst formation, with protein						
Initial Grouping by Reagent and Instrument						
Frozen, one cell & Frozen, one cell	1	0	0	91.3	7.4	4
No oil & Frozen,two cell	2	9.8	25.5	97.1	5.8	20
Oil & Frozen, one cell	3	3.3	14.3	88.8	15	51
Oil & Frozen,two cell	4	1.5	11.1	94.6	10.1	80
Initial Grouping by Reagent						
Frozen, one cell	5	0	0	91.3	7.4	4
No oil	6	8.9	24.5	96.5	6.4	22
Oil	7	2.1	12.3	92.3	12.4	135
Total Population						
Whole Population	8	2.9	14.5	92.9	11.7	165

Mouse Embryo - Percent blastocyst formation

Name	Line No.	Mean	SD	Mean	SD	No. of Labs
Mouse Embryo - Percent blastocyst formation, without protein						
Initial Grouping by Reagent and Instrument						
No oil & Frozen,two cell	1	9.3	23.1	94.9	9.6	19
Oil & Frozen, one cell	2	1.6	11.4	87.3	19.3	51
Oil & Frozen,two cell	3	0.1	0.8	93.9	11.5	75
Initial Grouping by Reagent						
No oil	4	8.4	22.1	93.2	10.8	21
Oil	5	0.8	7.2	91	15.5	130
Total Population						
Whole Population	6	1.7	10.7	90.9	15.2	159

Human Sperm Survival

Name	Line No.	Mean	SD	Mean	SD	No. of Labs
Human Sperm Survival - Initial percent motility with protein						
Total Population	1	87	12.8	87.6	12.5	139

Name	Line No.	Mean	SD	Mean	SD	No. of Labs
Human Sperm Survival - Initial percent motility without protein						
Total Population	1	86.3	13.1	87	12.9	139

Human Sperm Survival

Name	Line No.	Mean	SD	Mean	SD	No. of Labs
Human Sperm Survival - Percent motility at 24 hours with protein						
Total Population	1	40.4	23.7	77.3	14.3	137

Name	Line No.	Mean	SD	Mean	SD	No. of Labs
Human Sperm Survival - Percent motility at 24 hours without protein						
Total Population	1	29.4	22.9	72.9	16.4	137

Human Sperm Survival

Name	Line No.	Mean	SD	Mean	SD	No. of Labs
Human Sperm Survival - Percent motility at 48 hours with protein						
Total Population	1	17	18.7	63.7	20.7	129
Total Population						

Name	Line No.	Mean	SD	Mean	SD	No. of Labs
Human Sperm Survival - Percent motility at 48 hours without protein						
Total Population	1	12.3	17.1	58.3	21.4	130