



**PARTICIPANT STATISTICS**

**FIRST SHIPMENT 2018**

**EMBRYO GRADING**

**Embryo Grade**

Day	Specimen 1			Specimen 2			No. of Labs
	Good	Fair	Poor	Good	Fair	Poor	
Day 1	101	99	6	33	135	38	206
Flagging			***				
Day 3	142	63	0	29	163	11	205
Flagging			***			***	
Day 5	80	112	14	47	147	11	206
Flagging			***			***	

\*Due to a lack of participant consensus, Day 1 Specimen 2 was not evaluated. The intended result was Fair to Poor.

**Day 1**

Embryo Stage	Specimen 1		Specimen 2	
		Flagging		Flagging
OPN	0	***	0	***
1PN	1	***	0	
2PN	200		190	
3PN	3		16	
4PN	2		0	***
Dead	0	***	0	***
<b>Total Population</b>	<b>206</b>		<b>206</b>	

**Day 3**

Cell Number	Line No	Range & Type	Mean	SD	Range & Type	Mean	SD	No. of Labs
<b>Total Population</b>								
Whole Population	1	5 - 7 C	6.0	0.1	7 - 9 C	7.9	0.7	205

% Fragmentation	Specimen 1		Specimen 2	
		Flagging		Flagging
<10%	203		115	
11 - 25%	1		89	
>25%	0	***	0	***
<b>Total Population</b>	<b>204</b>		<b>204</b>	

Symmetry	Specimen 1		Specimen 2	
		Flagging		Flagging
Perfect	98		5	***
Moderately Asymmetric	105		175	
Severely Asymmetric	0	***	23	
<b>Total Population</b>	<b>203</b>		<b>203</b>	

**Day 5**

<b>Embryo Stage</b>
Morula
Early Blastocyst
Blastocyst
Expanded Blastocyst
Hatching blastocyst
<b>Total Population</b>

**Specimen 1**

	<b>Flagging</b>
0	***
0	***
5	
201	
0	***
<b>206</b>	

**Specimen 2**

	<b>Flagging</b>
0	***
148	
58	
0	***
0	***
<b>206</b>	

<b>Inner Cell Mass</b>
Good
Fair
Poor
Absent
<b>Total Population</b>

	<b>Flagging</b>
56	
120	
29	
1	***
<b>206</b>	

	<b>Flagging</b>
28	
141	
23	
12	***
<b>206</b>	

<b>Inner Cell Mass Compaction</b>
Complete
Incomplete
<b>Total Population</b>

	<b>Flagging</b>
194	
9	***
<b>203</b>	

	<b>Flagging</b>
3	***
200	
<b>203</b>	

<b>Trophectoderm</b>
Good
Fair
Poor
Absent
<b>Total Population</b>

	<b>Flagging</b>
100	
102	
4	***
0	***
<b>206</b>	

	<b>Flagging</b>
27	
146	
31	
0	***
<b>204</b>	

Correct responses are defined as those reflecting agreement among 80% or more of all participants or referees. Unacceptable responses are indicated by "\*\*\*\*\*" on the Flagging line of each specimen.