



## **IntelliGender Laboratory Test to Determine Accuracy**

**September-December 2006**

### **Objective**

To determine accuracy of the IntelliGender (the "Company") Gender Prediction Test ("G.P.T.") using first morning urine samples obtained from pregnant female subjects who were between 6 and 36 weeks pregnant claiming to have existing knowledge of the gender of their baby.

### **Methodology**

Shopping mall interviews were conducted outside retail stores catering to pregnant women. Women were approached by a female interviewer and asked in order:

- If they were pregnant
- If they knew the gender of their baby
- How they knew the gender of their baby
- Whether they would participate in a study to help validate a new baby gender determination test for pregnant women in exchange for compensation.

A total of 100 female subjects participated in the study over a three and one-half month period. Subjects provided first morning urine samples in clean water-tight containers. These containers were then delivered to a Dallas-area laboratory (on the same day provided) and the G.P.T. was conducted on each sample employing standardized testing procedures.

Results were statistically recorded and compared to the gender of the baby provided by the mother at the time of testing, or (depending on the term of gestation) at a later date through individual follow up confirmation.



DATE	WEEK	TEST	RESULT
15-Sept	10	M	correct
30-Sept	16	M	correct
2-Oct	14	M	correct
6-Oct	33	M	correct
6-Oct	14	M	correct
6-Oct	28	M	correct
6-Oct	18	F	correct
6-Oct	15	F	correct
6-Oct	24	F	correct
6-Oct	36	F	correct
13-Oct	8	F	correct
13-Oct	10	M	correct
13-Oct	10	M	correct
13-Oct	12	M	correct
13-Oct	16	M	correct
17-Oct	13	M	correct
17-Oct	8	F	correct
20-Oct	10	M	correct
20-Oct	14	F	correct
20-Oct	10	M	correct
1-Nov	9	F	correct
1-Nov	13	M	correct
1-Nov	14	F	correct
1-Nov	12	M	correct
4-Nov	26	F	correct

DATE	WEEK	TEST	RESULT
4-Nov	14	M	correct
4-Nov	21	F	correct
5-Nov	14	F	correct
7-Nov	12	M	correct
7-Nov	11	M	correct
7-Nov	22	M	correct
7-Nov	17	F	correct
8-Nov	8	M	correct
10-Nov	12	F	correct
12-Nov	7	M	correct
12-Nov	8	M	correct
14-Nov	16	M	correct
14-Nov	10	M	correct
14-Nov	12	F	correct
15-Nov	9	F	correct
17-Nov	10	M	correct
19-Nov	10	F	correct
20-Nov	10	F	correct
20-Nov	12	M	correct
21-Nov	27	M	correct
21-Nov	15	M	correct
22-Nov	8	M	correct
1-Dec	6	F	correct
1-Dec	11	F	correct
2-Dec	29	M	correct



DATE	WEEK	TEST	RESULT
2-Dec	34	M	correct
3-Dec	6	M	correct
3-Dec	10	M	correct
3-Dec	8	F	correct
3-Dec	8	F	correct
4-Dec	10	F	correct
4-Dec	14	M	correct
4-Dec	16	F	correct
5-Dec	9	M	correct
5-Dec	9	F	correct
5-Dec	17	F	correct
6-Dec	21	M	correct
6-Dec	20	M	correct
7-Dec	6	M	correct
7-Dec	36	F	correct
10-Dec	12	F	correct
12-Dec	9	M	correct
12-Dec	8	F	correct
14-Dec	17	M	correct
14-Dec	12	M	correct
14-Dec	14	M	correct
14-Dec	18	M	correct
14-Dec	12	M	correct
15-Dec	11	F	correct
16-Dec	16	M	correct

DATE	WEEK	TEST	RESULT
16-Dec	8	F	correct
16-Dec	10	F	correct
17-Dec	10	M	correct
17-Dec	10	M	correct
17-Dec	14	F	correct
18-Dec	17	M	correct
18-Dec	8	F	correct
18-Dec	11	F	correct
19-Dec	6	M	correct
19-Dec	8	F	correct
19-Dec	9	F	correct
19-Dec	22	M	correct
19-Dec	8	F	correct
19-Dec	10	M	correct
19-Dec	6	M	correct
1-Nov	30	M	incorrect
6-Nov	16	M	incorrect
13-Nov	9	M	incorrect
1-Dec	9	F	incorrect
11-Dec	11	F	incorrect
11-Dec	9	M	incorrect
15-Dec	8	M	incorrect
15-Dec	9	F	incorrect
17-Dec	20	M	incorrect
18-Dec	9	M	incorrect



## Summary of Laboratory Test Results

Gender	Total	Correct	Incorrect	Accuracy
Female	38	35	3	92.1%
Male	62	55	7	88.7%
Overall	100	90	10	90.0%

## Accuracy Range for 95% Confidence Interval

95% Interval	Accuracy	Margin of Error	Lower Bound	Upper Bound
Male and Female	90.0%	5.0%	84.1%	95.9%
Male	88.7%	7.9%	80.8%	96.6%
Female	92.1%	8.6%	83.5%	100.0%

## Conclusions

- The G.P.T. kit has an overall accuracy rate of 90.0%.
- The G.P.T. kit has a slightly higher accuracy level predicting girl results.
- The average subject was 13.7 weeks pregnant at the time of testing. However, the gestation period was not a significant factor in the results with accuracy evenly distributed across the time period of 6 weeks to 33 weeks.