

## **Analysis of IntelliGender Gender Prediction Test** **For Australia** **August 2008 – August 2009**

### **Objective**

Verify the accuracy of the IntelliGender® Gender prediction kit taken by pregnant women between their 8<sup>th</sup> and 36<sup>th</sup> week of pregnancy.

### **Methodology**

A total of 150 pregnant women in Australia participated in this study over a 12 month period. Subjects consisted of two groups:

**First Group:** Subjects who:

- a. Purchased and independently used the IntelliGender® in home gender prediction test; and
- b. Attended at an Early Image ultrasound centre or an affiliated ultrasound centre to verify the IntelliGender® test result carried out by an ASAR accredited obstetric sonographer

**Second Group:** Subjects who:

- a. Were asked to participate in a test to verify the accuracy of the IntelliGender® Gender Prediction Test;
- b. Attended at the Early Image ultrasound centre;
- c. Provided a urine sample from that morning's first urine in a sterile air tight container provided by Early Image;
- d. Had that day's first morning urine tested by Early Image staff using the IntelliGender® Gender Prediction Kit ;
- e. Undertook a ultrasound scan carried out by an ASAR accredited obstetric sonographer to verify the result of the IntelliGender® Gender Prediction Kit test



## Results Summary

150 IntelliGender® Gender Prediction Tests generated results for 153 babies (including 3 sets of twins)

Gender	Total	Correct	Incorrect	Accuracy
Male	79*	70	9	88.6%
Female	74*	67	7	90.5%
<b>Overall Average</b>	<b>153*</b>	<b>137</b>	<b>16</b>	<b>89.55%</b>

\*Includes twin results

**IntelliGender® overall accuracy rate is 89.55%.**

**IntelliGender® has a slightly higher accuracy predicting girl results.**

Gestation Period at time of Test	Total	Incorrect	Correct	Accuracy
9 weeks to 15 weeks	64*	6	58	93.50%
16 weeks to 20 weeks	47*	5	42	91.30%
21 weeks to 30 weeks	33	4	29	87.90%
31 weeks to 36 weeks	9	1	8	88.90%
<b>Overall Average</b>				<b>90.4%</b>

\*Includes twin results

Average subject was 17.8 weeks pregnant at the time of testing.

**IntelliGender® accuracy prior to 21 weeks is 92.4%.**

**IntelliGender® accuracy between the 8<sup>th</sup> and 36<sup>th</sup> weeks is 90.4%**

## IntelliGender® Test Results Overview

### **150 IntelliGender® Gender Prediction Tests generated Results for 153 babies (including 3 sets of twins):**

#### **Out of 150 IntelliGender® Gender Prediction Tests:**

- 134 (89.3%) IntelliGender® Gender Prediction tests correctly predicted the gender of the foetus
- 16 (10.7%) IntelliGender® Gender Prediction tests incorrectly predicted the gender of the foetus

#### **Out of the 150 Verified IntelliGender® Gender Prediction Test Results:**

- 79 (52.6%) were verified by ultrasound to be boys (includes 2 boys in 3 twins)
- 74 (49.4%) were verified by ultrasound to be girls (includes 4 girls in 3 twins)

#### **Out of 79 Verified IntelliGender® Gender Prediction Test Boy Results:**

- 70 (88.6%) were correct and matched the IntelliGender Test results (includes 2 boys in 3 twins)
- 9 (11.4%) were incorrect and did not match the IntelliGender Test results

#### **Out of 74 Verified IntelliGender® Gender Prediction Test Girl Results:**

- 67 (90.5%) were correct and matched the IntelliGender Test results
- 7 (9.5%) were incorrect and did not match the IntelliGender Test results

#### **Out of 3 Verified IntelliGender® Gender Prediction Test Twin Results:**

- 3 (100%) were correct and matched the IntelliGender Test results

### **153 Verified IntelliGender® Gender Prediction Test Results from 150 tests (includes 3 sets of twins):**

#### **62 IntelliGender® Gender Prediction Tests taken between the 8<sup>th</sup> and 15<sup>th</sup> week of pregnancy generated 64 results (including 2 sets of twins):**

- 58 (93.5%) were correct and matched the IntelliGender Test results
- 6 (9.6%) were incorrect and did not match the IntelliGender Test results

#### **46 IntelliGender® Gender Prediction Tests taken between the 16<sup>th</sup> and 20<sup>th</sup> week of pregnancy generated 47 results (including 1 set of twins)::**

- 42 (91.3%) were correct and matched the IntelliGender Test results
- 5 (10.9%) were incorrect and did not match the IntelliGender Test results

#### **33 IntelliGender® Gender Prediction Tests taken between the 21<sup>st</sup> and 30<sup>th</sup> week of pregnancy generated 33 results:**

- 29 (87.9%) were correct and matched the IntelliGender Test results
- 4 (12.1%) were incorrect and did not match the IntelliGender Test results

#### **9 IntelliGender® Gender Prediction Tests taken after the 31<sup>st</sup> week of pregnancy generated 9 results:**

- 8 (88.9%) were correct and matched the IntelliGender Test results
- 1 (11.1%) were incorrect and did not match the IntelliGender Test results

**IntelliGender® Individual Test Results (5 pages)**

Date	Name	Weeks	State	IntelliGender	Ultrasound	Result
21-Aug-08	Graves	11	VIC	Boy	Boy	Correct
09-Nov-08	Harrison	22	VIC	Boy	Boy	Correct
09-Nov-08	Gecorrado	28	VIC	Boy	Boy	Correct
09-Nov-08	Thielke	30	VIC	Boy	Boy	Correct
14-Nov-08	Portnoy	11	VIC	Girl	Girl	Correct
16-Nov-08	Kehoe	16	VIC	Boy	Boy	Correct
16-Nov-08	Misiti	17	VIC	Girl	Girl	Correct
16-Nov-08	Wydeman	18	VIC	Girl	Girl	Correct
16-Nov-08	Tsombanis	25	VIC	Girl	Girl	Correct
23-Nov-08	Caulfield	16	VIC	Boy	Boy	Correct
23-Nov-08	Westall	21	VIC	Boy	Girl	Incorrect
26-Nov-08	Gervasi	19	VIC	Girl	Girl	Correct
26-Nov-08	Sparrow	23	VIC	Girl	Girl	Correct
30-Nov-08	O'Sullivan	14	VIC	Boy	Boy	Correct
01-Dec-08	Riceputo	15	VIC	Girl	Girl	Correct
07-Dec-08	Casser	17	VIC	Boy	Boy	Correct
07-Dec-08	Le Souf	18	VIC	Girl	Girl	Correct
07-Dec-08	Cardel	24	VIC	Girl	Girl	Correct
14-Dec-08	Morley	25	VIC	Girl	Girl	Correct
14-Dec-08	Ng	30	VIC	Boy	Boy	Correct
17-Dec-08	Brummer	19	VIC	Boy	Boy	Correct
21-Dec-08	Rae	17	VIC	Boy	Boy	Correct
21-Dec-08	Su	30	VIC	Boy	Boy	Correct
29-Dec-08	Richter	23	VIC	Girl	Girl	Correct
04-Jan-09	Collins	12	VIC	Girl	Girl	Correct
04-Jan-09	Richtie	13	VIC	Boy	Boy	Correct
04-Jan-09	Bell	14	VIC	Girl	Girl	Correct
11-Jan-09	Efthimou	18	VIC	Boy	Boy	Correct
11-Jan-09	Green	27	VIC	Girl	Girl	Correct
12-Jan-09	Connell	12	VIC	Boy	Boy	Correct
18-Jan-09	Papadopoulous	9	VIC	Girl	Girl	Correct
21-Jan-09	Reckernan	14	VIC	Girl	Girl	Correct
21-Jan-09	Vassallo	20	VIC	Girl	Girl	Correct

21-Jan-09	Barker	21	VIC	Boy	Boy	Correct
01-Feb-09	Haidar	11	VIC	Boy	Boy	Correct
01-Feb-09	Scott	13	VIC	Girl	Girl	Correct
01-Feb-09	Silver	14	VIC	Girl	Boy	Incorrect
08-Feb-09	Filipovic	15	VIC	Boy	Boy	Correct
09-Feb-09	Chenoweth	9	VIC	Boy	Boy	Correct
15-Feb-09	Sullivan	34	VIC	Girl	Girl	Correct
16-Feb-09	Cole	11	VIC	Boy	Boy	Correct
16-Feb-09	Higgins	20	VIC	Boy	Boy	Correct
22-Feb-09	Spratling	9	VIC	Boy	Boy	Correct
22-Feb-09	Ahmed	16	VIC	Girl	Girl	Correct
04-Mar-09	Hoath	11	VIC	Girl	Boy	Incorrect
04-Mar-09	Trevaskis	14	VIC	Boy	Boy	Correct
08-Mar-09	Graves	16	VIC	Boy	Boy	Correct
11-Mar-09	Charles	12	VIC	Boy	Boy	Correct
11-Mar-09	Dadhe	24	NSW	Girl	Girl	Correct
15-Mar-09	Elsegood	9	VIC	Girl	Girl	Correct
04-Apr-09	Ruane	10	VIC	Boy	Boy	Correct
26-Apr-09	Hackett	14	VIC	Boy and Girl	Boy and Girl	Correct
03-May-09	Fisher	10	VIC	Boy	Boy	Correct
03-May-09	Nash	11	VIC	Girl	Boy	Incorrect
13-May-09	Makin	15	SA	Boy	Boy	Correct
13-May-09	Gordon	15	SA	Girl	Girl	Correct
13-May-09	Jones	16	VIC	Boy	Boy	Correct
13-May-09	Montebello	18	VIC	Boy	Boy	Correct
13-May-09	Granger	19	VIC	Boy	Boy	Correct
13-May-09	Nolan	27	VIC	Boy	Girl	Incorrect
13-May-09	Finarelli	32	VIC	Boy	Girl	Incorrect
14-May-09	Barrie	25	NSW	Boy	Girl	Incorrect
17-May-09	Greening	10	VIC	Boy	Boy	Correct
17-May-09	Herbert	17	VIC	Boy	Boy	Correct
18-May-09	Perie	20	NSW	Boy	Girl	Incorrect
18-May-09	Miller	22	NSW	Boy	Boy	Correct
18-May-09	Himura	22	NSW	Girl	Girl	Correct
18-May-09	McKee	24	NSW	Boy	Boy	Correct
18-May-09	Maguire	24	NSW	Girl	Girl	Correct

18-May-09	Sorich	27	SA	Boy	Boy	Correct
20-May-09	Carkeek	11	VIC	Boy	Boy	Correct
20-May-09	Palumba	12	VIC	Boy	Boy	Correct
20-May-09	Connors	17	NSW	Boy	Boy	Correct
20-May-09	Price	20	VIC	Boy	Boy	Correct
20-May-09	Finlay	20	VIC	Boy	Girl	Incorrect
21-May-09	Yadav	10	QLD	Girl	Girl	Correct
24-May-09	Martsakos	9	VIC	Boy	Boy	Correct
24-May-09	Rifkin	18	NSW	Boy	Boy	Correct
24-May-09	Williams	22	VIC	Girl	Girl	Correct
24-May-09	Petersen	31	WA	Girl	Girl	Correct
24-May-09	Pascoe	32	VIC	Boy	Boy	Correct
25-May-09	Gregory	14	WA	Girl	Girl	Correct
25-May-09	Nash	15	VIC	Boy and Girl	Boy and Girl	Correct
25-May-09	Brunning	22	NSW	Girl	Boy	Incorrect
31-May-09	Erdekli	11	VIC	Boy	Boy	Correct
31-May-09	Rana	14	VIC	Girl	Girl	Correct
31-May-09	Buxton-Rella	16	VIC	Girl	Girl	Correct
31-May-09	Kalyvis	21	VIC	Girl	Girl	Correct
02-Jun-09	Javanovic	13	WA	Girl	Girl	Correct
05-Jun-09	Brierley	20	WA	Boy	Girl	Incorrect
10-Jun-09	Constantinou	13	VIC	Girl	Girl	Correct
12-Jun-09	Kaesler	13	WA	Boy	Boy	Correct
14-Jun-09	Claridge	12	VIC	Girl	Girl	Correct
14-Jun-09	Crocker	17	VIC	Girls x 2	Girls x 2	Correct
15-Jun-09	Hall	14	VIC	Boy	Girl	Incorrect
15-Jun-09	Dwasamdri	20	VIC	Girl	Girl	Correct
20-Jun-09	Barnett	33	QLD	Girl	Girl	Correct
21-Jun-09	De Lulio	17	VIC	Boy	Boy	Correct
22-Jun-09	Audisho	11	NSW	Boy	Boy	Correct
22-Jun-09	Hynes	11	VIC	Girl	Boy	Incorrect
28-Jun-09	Vergiris	12	VIC	Girl	Girl	Correct
02-Jul-09	Wood	15	QLD	Girl	Girl	Correct
05-Jul-09	Nguyen	10	VIC	Girl	Girl	Correct
05-Jul-09	Paoly	18	VIC	Girl	Girl	Correct
05-Jul-09	O'Sullivan	33	VIC	Girl	Girl	Correct

06-Jul-09	Rogane	10	SA	Boy	Boy	Correct
06-Jul-09	Ginny	15	NSW	Boy	Boy	Correct
07-Jul-09	Birch	16	WA	Girl	Girl	Correct
07-Jul-09	Mays	29	WA	Boy	Boy	Correct
08-Jul-09	Smidt	10	NSW	Boy	Boy	Correct
10-Jul-09	Fagan	28	ACT	Girl	Girl	Correct
12-Jul-09	Phan	13	VIC	Girl	Boy	Incorrect
12-Jul-09	Whelan	16	VIC	Girl	Girl	Correct
12-Jul-09	Tilley	17	VIC	Boy	Boy	Correct
12-Jul-09	Nguyen	17	VIC	Boy	Girl	Incorrect
12-Jul-09	Gannon	26	VIC	Girl	Girl	Correct
12-Jul-09	Sidebottom	28	VIC	Boy	Boy	Correct
12-Jul-09	Welton	28	VIC	Girl	Girl	Correct
12-Jul-09	Daley	32	VIC	Girl	Girl	Correct
13-Jul-09	Pang	20	SA	Boy	Boy	Correct
14-Jul-09	Booker	10	QLD	Boy	Boy	Correct
14-Jul-09	Huseynova	20	QLD	Girl	Boy	Incorrect
15-Jul-09	Foran	17	VIC	Girl	Girl	Correct
15-Jul-09	Roberts	17	VIC	Girl	Girl	Correct
16-Jul-09	Spencer	19	NSW	Girl	Girl	Correct
16-Jul-09	Zhu	23	NSW	Girl	Girl	Correct
16-Jul-09	Hui	30	WA	Boy	Boy	Correct
17-Jul-09	Adams	19	QLD	Boy	Boy	Correct
19-Jul-09	Welch	16	VIC	Girl	Girl	Correct
19-Jul-09	Senior	17	VIC	Boy	Boy	Correct
20-Jul-09	O'Connell	11	WA	Boy	Boy	Correct
20-Jul-09	Marrell	12	ACT	Girl	Girl	Correct
21-Jul-09	Smith	21	SA	Girl	Girl	Correct
22-Jul-09	Staeber	10	VIC	Boy	Boy	Correct
25-Jul-09	Cao	11	NSW	Girl	Girl	Correct
25-Jul-09	Burt	17	NSW	Boy	Boy	Correct
26-Jul-09	Seedsman	10	VIC	Boy	Boy	Correct
26-Jul-09	Johnston	17	SA	Girl	Girl	Correct
26-Jul-09	Rainone	22	VIC	Girl	Girl	Correct
28-Jul-09	Kirkovski	11	NSW	Boy	Boy	Correct
02-Aug-09	Van Breugel	11	VIC	Boy	Boy	Correct

02-Aug-09	Palmer	15	VIC	Boy	Boy	Correct
02-Aug-09	Kaur	17	VIC	Boy	Boy	Correct
02-Aug-09	Sales	18	VIC	Boy	Boy	Correct
02-Aug-09	Metcalf	32	VIC	Girl	Girl	Correct
05-Aug-09	Kolodensky	32	WA	Girl	Girl	Correct
09-Aug-09	Kumar	10	VIC	Girl	Girl	Correct
12-Aug-09	Profia	12	VIC	Girl	Girl	Correct
12-Sep-09	Munz	10	VIC	Boy	Boy	Correct
15-Sep-09	Galvamez	18	VIC	Girl	Girl	Correct