

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

Objective

Verify the accuracy of the IntelliGender® Gender Prediction Test taken by pregnant women between their 8th and 36th 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 the company ultrasound centre or an affiliated ultrasound centre to verify the IntelliGender® test result by an ultrasound conducted by and 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 company ultrasound centre;
- c. Provided a urine sample from that morning's first urine in a sterile air tight container provided by the company;
- d. Had that day's first morning urine tested by staff using the IntelliGender® Gender Prediction Test;
- e. Undertook a ultrasound scan carried out by an ASAR accredited obstetric sonographer to verify the result of the IntelliGender® Gender Prediction Test

Results Summary

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

| Gender | Total Babies | Total Kits | Correct Gender | Incorrect Gender | Accuracy - Gender | Accuracy - Kits |
|------------------------|--------------|------------|----------------|------------------|-------------------|-----------------|
| Male | 79* | 78 | 70 | 9 | 88.6% | 89.7% |
| Female | 74* | 72 | 67 | 7 | 90.5% | 93.1% |
| Overall Average | 153* | 150 | 137* | 16 | 89.5% | 91.3% |

*Includes twin results

IntelliGender® overall accuracy rate is 89.5%

IntelliGender® has a slightly higher accuracy predicting girl results.

| Gestation Period at time of Test | Total Babies | Total Kits | Correct Gender | Incorrect Gender | Accuracy - Gender | Accuracy - Kits |
|----------------------------------|--------------|------------|----------------|------------------|-------------------|-----------------|
| 9 wks to 15 wks | 64* | 62 | 58 | 6 | 90.6% | 93.5% |
| 16 wks to 20 wks | 47* | 46 | 42 | 5 | 89.4% | 91.3% |
| 21 wks to 30 wks | 33 | 33 | 29 | 4 | 87.9% | 87.9% |
| 31 wks to 36 wks | 9 | 9 | 8 | 1 | 88.9% | 88.9% |
| Overall Average | 153* | 150 | 137* | 16 | 89.5% | 91.3% |

*Includes twin results

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

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 fetus
- 16 (10.7%) IntelliGender® Gender Prediction tests incorrectly predicted the gender of the fetus

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 set of twins):

62 IntelliGender® Gender Prediction Tests taken between the 8th and 15th 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 16th and 20th 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 21st and 30th 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 31st 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

