Generation®

a new era in prenatal testing

Generation® Non-Invasive Prenatal Testing (NIPT) represents a major advance in screening and risk assessment for chromosomal abnormalities

- ✓ Lower Failure Rates – **Less than one patient per thousand tested (0.1%)***
- ✓ Tested in Australia for fast turn around time
- ✓ Fetal fraction reported
- ✓ Includes optional genetic counselling support†
- ✓ Convenient collection through our extensive network

laverty.com.au

* Based on internal testing data.
† For patients receiving an Aneuploidy Detected result from Generation testing.
Specialist Diagnostic Services Pty Ltd ABN 84 007 190 043 APA No. 000042 trading as Laverty Pathology

Genomic Diagnostics
LEADING THE WAY TO IMPROVE HEALTH

Laverty® PATHOLOGY

RELIABLE

- Get a result first time

Our Experience

<0.1%

Failure to report

- Less than one patient per thousand won't get a report

FAST

- Tested in Australia for rapid turn around time
- Data analysis performed in Australia

WHOLE GENOME SEQUENCING (WGS)

- WGS enables reporting at lower fetal fractions[4]
- Enables an unbiased view and more reliable detection

ACCURATE

- High sensitivity rates achieved with Whole Genome Sequencing[1,2,3]

	Observed Sensitivity	Observed Specificity
Trisomy 21	99.1%	99.9%
Trisomy 18	98.3%	99.9%
Trisomy 13	98.2%	99.9%
Monosomy X	95.0%	99.0%
XX	97.6%	99.2%
XY	99.1%	98.9%

CONVENIENT

- Collect from a wide range of centres – find one near you online: **www.generationNIPT.com.au**
- Our customer care team are available Monday to Friday 9am - 5pm AEST

1800 822 999

How to order:

- Complete the **Generation**® NIPT consent request form with your patient
- Your patient contacts our Customer Care Team on 1800 822 999 to prepay and identify the most conveniently located collection centres
- Once the **Generation**® NIPT is performed results can be downloaded or faxed.

Further Information:

For more information on **Generation**® NIPT please visit **www.generationNIPT.com.au** or call us on **1800 822 999**

The cost of **Generation**® NIPT is $395 and is NOT Medicare rebatable. **Generation**® **Plus** NIPT for testing specific microdeletions is available as an additional option, where clinically indicated. Please contact us for further information and current pricing*.

** Prices are correct at time of printing and are subject to change without notice.*

References:

1. Bhatt S, Parsa S, Snyder H, et al. Clinical Laboratory Experience with Noninvasive Prenatal Testing: Update on Clinically Relevant Metrics. ISPD 2014 poster.
2. Bianchi DW, Platt LD, Goldberg JD, et al. Genome-wide fetal aneuploidy detection by maternal plasma DNA sequencing. Obstet Gynecol. 2012; 119:890–901.
3. Verinata Health, Inc. (2012) Analytical Validation of the verifi Prenatal Test: Enhanced Test Performance For Detecting Trisomies 21, 18 and 13 and the Option for Classification of Sex Chromosome Status. Redwood City, CA.
4. Taneja P et al. Prenatal Diagnosis, Dec 2015.

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