Experience, the Difference.

GeneSyte Now With

- Fetal fraction
- Faster reporting times
- Fully automated laboratory

GeneSyte™

Australia's First NIPS
Non-Invasive Prenatal Screening

Accurate and reliable answers about the health of the pregnancy

GeneSyte can reduce the risk of needing invasive procedures such as chorionic villus sampling (CVS) by over 95%

GeneSyte can be performed as early as 10 weeks into gestation

Fetal fraction results included in the reports. GeneSyte can perform to 2% FF compared to Harmony at 4%

Detects autosomal abnormalities:

- Trisomy 21 (Down Syndrome)
- Trisomy 18 (Edwards Syndrome)
- Trisomy 13 (Patau Syndrome)

Determines foetal sex (XX or XY) and detects foetal sex chromosomal abnormalities:

- Monosomy X (Turner Syndrome)
- XXX (Triple X)
- XXY (Klinefelter Syndrome)
- XYY (Jacobs Syndrome)

GeneSyte: Reliable accuracy

	Sensitivity The proportion of patients WITH a particular condition that test positive for that condition.	Specificity The proportion of patients WITHOUT a particular condition that test negative for that condition.
Trisomy 21 (Down Syndrome)[1]	99.14%	99.94%
Trisomy 18 (Edwards Syndrome)	98.31%	99.9%
Trisomy 13 (Patau Syndrome)	98.15%	99.95%
Foetal sex[2]		
XX	97.6%	99.2%
XY	99.1%	98.9%

The sensitivity to detect and the specificity to get it right.

GeneSyte has the lowest test failure to report rate of only 0.1% or lower

A low failure rate means:

- 99.9% of the time a result is provided to you
- A lower rate of sample rejections and unnecessary blood redraws
- Less stress and anxiety for your patients
- GeneSyte has the greatest probability to reduce unnecessary invasive procedures
- The performance of GeneSyte will ensure your patients first trimester screening will remain in the first trimester

Peace of mind at an affordable price

For a fixed fee of $445, your patients receive:

- Screening for the 3 most common chromosomal abnormalities
- Screening for the most common sex chromosomal abnormalities
- Availability of genetic counselling for patients with positive results or concerns relating to their pregnancy and GeneSyte testing
- Proactive notification of results

Confidence in trusted technology

- Illumina® has provided more than 1,000,000 reports worldwide
- First NIPS to launch in Australia
- Experience in analysing over 20,000* GeneSyte samples
- Backed up by Genea's 25 years of prenatal experience

GeneSyte™

* As of December 2016

An accurate answer for more patients

Based on well-established Illumina® sequencing technology,
GeneSyte is suitable for a broader range of patients

	GeneSyte Whole Genome Sequencing
Results and reporting	Informative results - No Aneuploidy Detected (NAD) -Aneuploidy Detected *STAT testing available with 24-36 hour reporting. 3-5 days routine reporting times*
Failure-to-report rate	Lowest test failure (0.1%)
Constrained by patient factors (maternal age, BMI, ethnicity or requires paternal sample)	No
Pregnancies	Singleton, twins, IVF, egg donors, surrogacy and consanguinity
Is Genetic Counselling available to both the doctor and patient?	Yes
Is Genetic Counselling complimentary?	Yes

A team to support you every step of the way

Unlike other pathology and NIPS service providers, Genea has over 25 years of experience in the prenatal diagnosis field with our team of Genetic Counsellors, Laboratory Managers, Scientists and Medical Liaison Associates, all ready to assist you.

Experience the Difference

When it comes to running a NIPS laboratory, it's not just about having state of the art equipment. It's about the expertise and the confidence of knowing that the results have been processed and analysed by a team of experts in prenatal management.

Michael Bonifacio
Pathology Manager

Paulette Barahona
Molecular Biologist

Genetic Counselling

We believe in providing you and your patients with the most accurate information. Complimentary genetic counselling is available for doctors and patients with a positive GeneSyte test result.

Katie Ellis
Senior Genetic Counsellor

Access to Quality Online Education

GeneSyte NIPS Online Portal

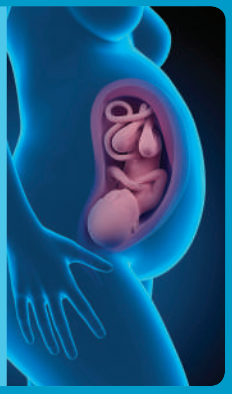
GeneSyte Portal **NEW**

- Watch our Genetic Counsellor explain the importance of pre/post test counselling for NIPS.

- Connect with our genetic counsellor for support
- Access a wealth of educational resources for patients and doctors
- Order GeneSyte introduction packs
- Request a GeneSyte rep visit

FREE Pregnancy Guide

HCPs who log onto the portal can request to receive a copy of our month by month pregnancy guide.



GeneSyte™

Choose GeneSyte Prenatal Screening for confidence and accuracy

	Testing as early as 10 weeks
	Fetal Fraction reporting
	Full laboratory support team
	Complimentary Genetic Counselling
	Highly accurate with 99.9% success of reporting
	Fast results reported in 3-5 business days after sample receipt

Genea
WORLD LEADING FERTILITY

References: 1. Bianchi DW, *et al. Obstet Gynecol* 2012;119(5):890–901. 2. Verinata Health I. *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.* Verinata Health, INC, 2012. Genea Level 3, 321 Kent Street, Sydney, NSW 2000 Australia. Tel: 1800 689 908. Fax: (02) 9229 6400. Email: genea.pathology@genea.com.au www.genea.com.au/genesyte. Postal address: Genea CSR Level 3, 321 Kent Street, Sydney NSW 2000. Genea Genetics Pty Ltd. ABN: 82 074 545 681. Genea Genetics Unit Trust. ABN 97 564 816 652. GESE10754. MKT02031 | July 2016.