NACE Non-invasive Prenatal Test

Igenomix® WITH SCIENCE ON YOUR SIDE

NACE® is a non-invasive prenatal screening for the most frequent chromosomal abnormalities.

NACE detects abnormalities in chromosomes such as:
21 - Down syndrome
18 - Edwards syndrome
13 - Patau syndrome

Testing also identifies the most common abnormalities in the sex chromosomes (X & Y) in single gestations.

Why a non-invasive prenatal test?

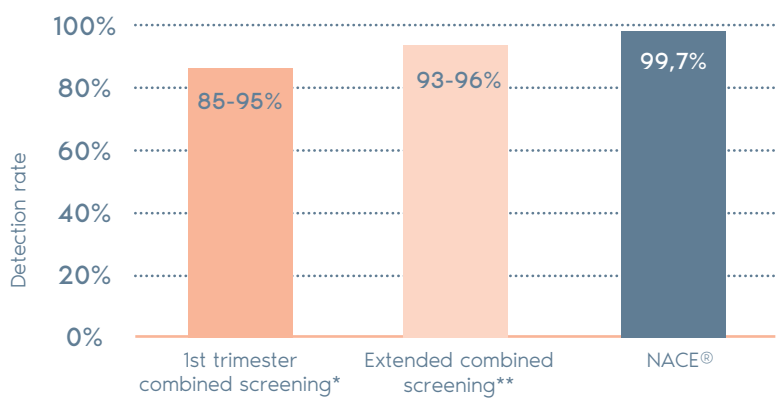
Non-invasive tests can prevent the need for about 98% of invasive tests in patients at risk for trisomy 21.[1]

NACE® provides reliable information to avoid invasive techniques.

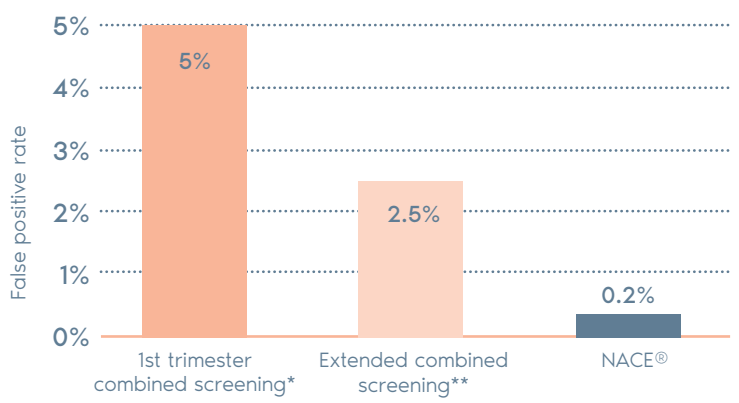
www.igenomix.com

[1] Bianchi et al. N Engl J Med. 2014 27;370(9):799-808.

DOWN SYNDROME DETECTION RATE



FALSE POSITIVE RATE ACCORDING TO THE TYPE OF SCREENING



* Includes maternal age, nuchal translucency measurement, and the detection of the PAPP-A and free B-HCG biochemical markers.

** Includes other ultrasound markers: nasal bone absence, assessment of the ductus venosus, and tricuspid blood flow.

Nicolaides KH. Screening for fetal aneuploidies at 11 to 13 weeks. Prenat Diagn 2011; 31:7-15.

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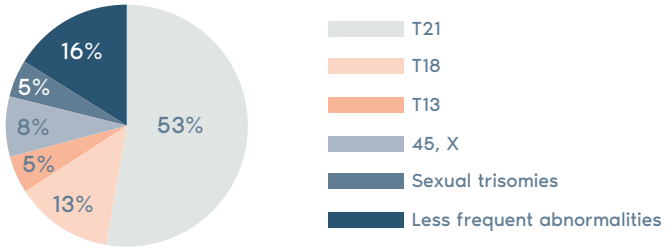
COVERAGE OF THE NACE® TEST FOR SINGLE PREGNANCIES

According to data from the 2012 European Registry for Prenatal Diagnosis[1], abnormalities in chromosomes 21, 18, and 13 represent 71% of all chromosomal abnormalities detected.



Test Limitations

	Specificity	False Positive	Sensitivity	False Negative
TRISOMY 21	99,8%	0,2%	>99,9%	<0,1%
TRISOMY 18	99,6%	0,4%	97,4%	2,6%
TRISOMY 13	>99,9%	<0,1%	87,5%	12,5%

	Specificity	False Positive	Sensitivity	False Negative
X0	99,0%	1,0%	95,0%	5,0%
XX	99,2%	0,8%	97,6%	2,4%
XY	98,9%	1,1%	99,1%	0,9%
XXX/XXY/XYY	LIMITED DATA			