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?

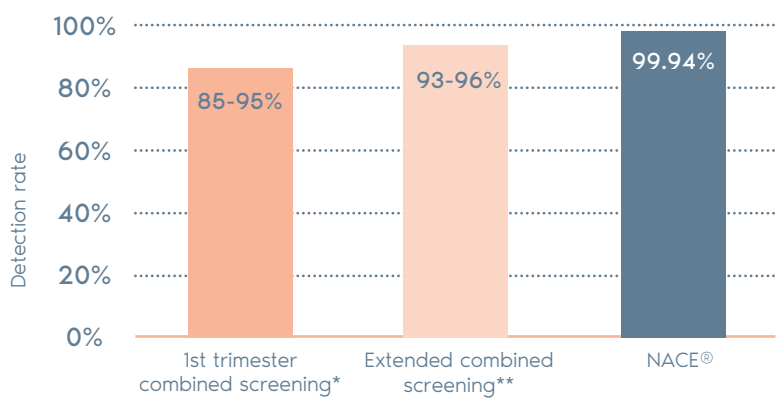
Non-invasive tests can prevent the need for about 98% of invasive tests in patients at risk for trisomy 21.[1]

NACE® provides reliable information to avoid invasive techniques.

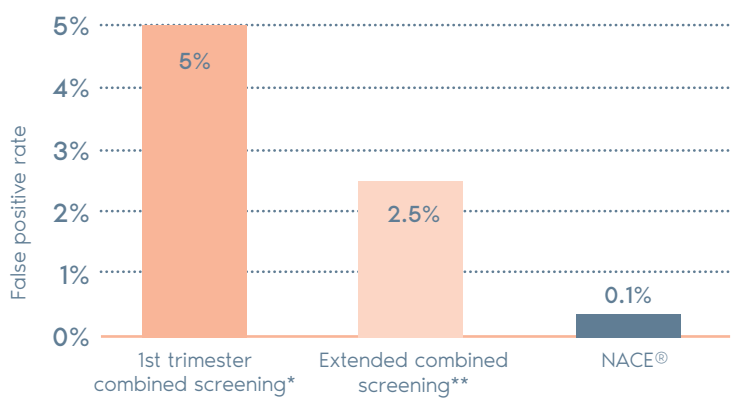
www.igenomix.com

[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.

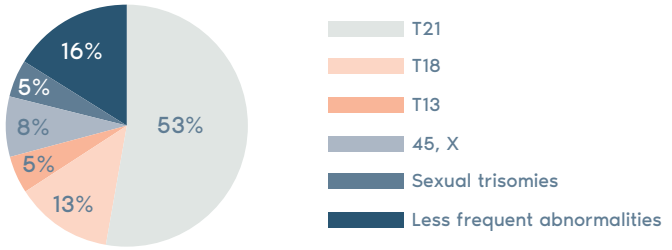
** Includes other ultrasound markers: nasal bone absence, assessment of the ductus venosus, and tricuspid blood flow.

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

v. 2020

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	99.9%	0.1%	>99.9%	<0.1%
TRISOMY 18	99.9%	0.1%	>99.9%	<0.1%
TRISOMY 13	99.9%	0.1%	>99.9%	<0.1%

	XX	XY	X0	XXX	XXY	XYY
Percentage of concordant	100%	100%	90,5%	100%	100%	91,7%