

FAQ

What are the costs of the non-invasive fetal genotyping in maternal plasma?

The costs of performing the test are approximately €1000,- excluding transport costs.

For fetal Kell or HPA-1a genotyping, if the result is negative we will ask for a confirmation sample after 20 weeks gestation. This is included in the €1000,-.

How do I pay for the non-invasive fetal genotyping in maternal plasma?

Ensure to fill out the billing address on the request form. After the test is performed, an invoice will be sent. Payment should be made by bank transfer upon receipt of the invoice to:

Sanquin Diagnostiek B.V.
IBAN NL18 ABNA 0524 4956 29
BIC ABNANL2A
Trade reg. Amsterdam 67177476
VAT number NL856862794B01

Company Name : Sanquin Diagnostics
Address : Plesmanlaan 125
P.O.Box : 9190
Postalcode : 1006AD
Place : Amsterdam

Country : The Netherlands
Telephone-number : +31205123272

What are the transport costs?

This depends on the shipping company used. Usually between €50,- and €100,-. Sanquin Diagnostics doesn't support shipment.

Can I bill my insurance company for this?

You have to check with your insurance company.

What are the blood sample requirements, storage and shipping instructions?

You can find all the information about collecting the material, the shipping and the needed forms on the website.

Please see:

<https://www.sanquin.org/products-and-services/diagnostics/non-invasive-fetal-blood-group-genotyping>

You can find the information and request form here. Please read the instructions carefully and inform us (including initials and dob of the pregnant lady) by mail if you intend to send the samples.

How long does it take to receive the results?

The results will be e-mailed in approximately one week. An official letter will be sent by post mail, this may take longer than a week.

What is the accuracy of result for positive and negative (sensitivity/specificity)?

The accuracy is very high. Sensitivity and specificity are > 99%, however, we can only provide a result in approximately 95% of samples depending on the detection of paternal markers in the maternal blood as a control for the presence of fetal DNA.

How do I inform your laboratory about performing a test?

Have your physician inform our laboratory via e-mail about impending shipment regarding patient name, antigen type requested and gestational age before shipping the sample.

ihdiagnostiek.dna@sanquin.nl

What is the minimal age of gestation for performing the non-invasive fetal genotyping with maternal plasma?

This depends on the antigen, see table below.

Fetal genotyping	Minimal age of gestation
D, C, c, E	> 9 weeks but preference for ≥ 12 weeks negative result repeated >20 weeks
K1	≥ 14 weeks negative result repeated >20 weeks
HPA-1a	>17 weeks but preference ≥ 19 weeks negative result repeated >20 weeks

What are STRECK tubes (Cell-Free DNA BCT[®])?

Streack tubes are blood collection tubes, with a formaldehyde-free preservative stabilizing nucleated blood cells. This unique stabilization prevents the release of genomic DNA and therefore lowers the background signals derived from maternal DNA.

How to get STRECK tubes?

If you do not have Streack tubes available, please let us know and we will send you the tubes and transport materials.