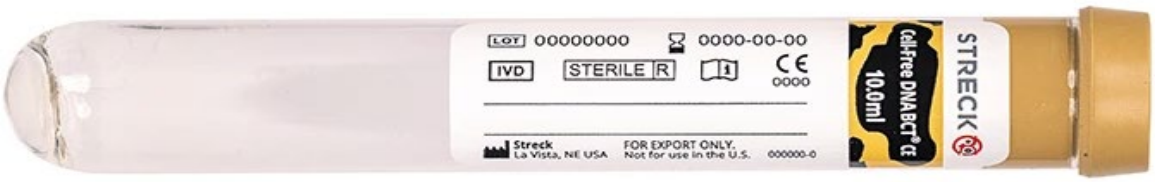
Instructions for Non-invasive Cell-free Fetal Genotyping

- 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.

Fetal genotyping	Minimal age of gestation	Sample requirements	Shipment restrictions
D, C, c, E, K1 HPA-1a, HPA-5b	> 9 weeks but preference for ≥ 11 weeks	Mother: 30 mL in Streck tubes	Between 50 and 86 ºF Transport < 6 days

- Collect at least 30 mL blood from the pregnant woman in 3 (THREE) STRECK tubes for maternal sample (10 ml/tube).
- STRECK tubes prevent degradation of maternal white blood cells, so the maternal DNA will not interfere with fetal genotyping assay. STRECK tubes are the tubes used by many of the companies in the U.S. for performing free fetal DNA testing for aneuploidies.



STRECK tube

  - If STRECK tubes are not available at the place of collection, please e-mail us (ihdiagnostiek.dna@sanquin.nl), with a return mailing address and we will send the required STRECK tubes to your facility.
  - You can order STRECK tubes from the company (Cell-Free DNA BCT RUO & CE - Streck).
  - When using the STRECK tubes, the material can be sent by regular courier. Ensure the arrival time will be within 6 days after drawing.
  - Please ensure that the request form 'Non-invasive fetal genotyping', which can be downloaded from the site is completed.

- For K1-typing: Only if you need to have test results obtained with two independently taken blood samples, e.g. to exclude any administrative error, you can send a repeat sample.
- Ensure to fill out the billing address on the request form. After the test is performed, an invoice will be sent. Cost are approximately 1,653 euros.

Helpful shipping instructions:

- Please send the blood samples by courier (Preferably FedEx Priority).
- For questions: ihdiagnostiek.dna@sanquin.nl
- Address information for shipping:

  Sanquin Diagnostic Services - Immunohematology
  Erythrocyte Serology Department - DNA (Q2)
  Plesmanlaan 125
  1066CX Amsterdam
  The Netherlands