

Pregnant women RhD negative blood group with no anti-D antibodies

>12 weeks < 26 weeks
gestation

RHD NIPT information and consent (verbal)
Document information provision and verbal consent

Confirmation of Patient identification process
Collect appropriate specimen; either EDTA or Streck tube
based on the *RHD* NIPT provider's requirements
Label collected specimen immediately following collection at
the point of collection

Result available (5-14 days) document in electronic medical
record and a hand-held record if available

Fetus RhD negative

RhD Ig not required
Repeat Ab screen at 28
weeks

Cord blood confirms
RhD negative baby

Document result in
patient
medical/antenatal
record

Fetus RhD positive

Cord blood collection at birth
to confirm baby RhD blood
group

Cord blood RhD positive
Collect a capillary blood sample
from the baby to confirm result

False negative *RHD* NIPT result
confirmed

Contact laboratory to report
discrepancy
Collect maternal sample for FMH
Obtain consent and administer
RhD Ig Prophylaxis

Notify the woman
Follow-up for possible
sensitisation
Report in haemovigilance system
Document management in the
patient medical/antenatal record

> 26 weeks gestation *RHD* NIPT
may still be considered up to 32
weeks depending on local policy

RhD Ig should be offered at 28
weeks if RhD fetal type unknown

Cord Blood RhD negative
Collect a capillary blood sample
from the baby to confirm result

False positive
result
confirmed

Notify the woman
No RhD Ig required (if not already
administered)
Report in haemovigilance system
Document in the patient
medical/antenatal record

Correct *RHD*
NIPT result
confirmed

>26 weeks
gestation

RhD Ig prophylaxis information
provided and consent for RhD Ig
prophylaxis obtained

Booking for 28 weeks
Collect repeat Ab screen prior to
administration of RhD Ig

Booking for 34 weeks
RhD Ig prophylaxis

Cord Blood: request ABO, RhD and
DAT

Cord blood confirms RhD positive
baby

Collect Maternal sample for FMH
(kleihauer or flow)
Administer RhD Ig

Review FMH results and administer
additional RhD Ig if required
Document care provided in the
patient medical/antenatal record