DISCUSSION WORKSHOP / 24 May 2023 / Time: 14-17 (2 to 5 pm)

PROPOSED DISCUSSION TOPICS

Preanalytical issues
The best transportation and storage temperature
Age of sample (before analysis), gestational week

DNA extraction
Which controls to use for extraction and PCR
Equipment, level of automation

PCR
Inhouse versus commercial kits
The need for CE-IVDR-marking of in-house fetal *RHD*-assays. How do labs meet this requirement?
Assay design for immunized women, same as for *RHD*-screen or extended?

Interpretation of results/Reporting
Interpretation of results (manually or computer)
How to report:

- just the result or include prophylaxis recommendations
- maternal and/or fetal *RHD* variants

Level of investigations performed in samples when a maternal allele is found/ prophylaxis recommendations
Do you repeat an unclear result and how? Storage temperature of the sample before repeating

Validation/Quality controls
External quality controls, what are used/needed
Are guidelines needed/ already in place/ what to include
False negative results, why do they occur/how to avoid (human error, mechanical error, lack of DNA)
Development over time, what did you change?
Criteria for positive and negative, how many, including multiplex
When are your test safe enough to stop typing the newborn?