

# INDIVIDUAL LABORATORY REPORT (ILR)\*

## 2024 Preimplantation genetic testing (PGT) of blastomere (FISH)

Version: Provisional: Pre-appeals

Participant G00446



Member of UK NEQAS consortium

### Stage 1: Work-up report submission: Stage 1: Workup report

Category	Score <sup>1</sup>	Comments
A 1 & 2 stages marked together	--	Not applicable - not participated

### Marita DANON: Case A

Category	Score <sup>1</sup>	Comments
Analytical Comments	1.00	Comment(s) with deduction. (-1 marks) Stage 1: There was no work up report submitted to show how your laboratory would work up the probes for this couple. (=1 Comment with deduction)
Interpretation	0.50	Stage 1 and/or 2: It is not possible to determine whether the embryo is mosaic based on looking at one or two different chromosomes in one or two cells. Comment(s) with deduction. (-1 marks) Comment with deduction. (-0.5 marks) The report states 'Work-up of these probes has been tested on patient's (Simon PEW)...', however, the rearrangement carrier in this case is Pablo DANON. Both partners should have the probe work-up, analysing 100 interphases and 10 metaphases for each. (=1 Comment with deduction) There should be a conclusion stating which embryo(s) are balanced/normal and therefore genetically suitable for transfer. (=0.5 Comment with deduction)
Clerical Accuracy	2.00	Stage 1 and/or 2: The date of sample collection, the date of receipt, and the date of reporting should all be given on the report. Stage 1 and/or 2: Reports should be anonymised.

### Nerys PEW: Case B

Category	Score <sup>1</sup>	Comments
Analytical Comments	1.00	Comment(s) with deduction. (-1 marks) Stage 1: There was no work up report submitted to show how your laboratory would work up the probes for this couple. (=1 Comment with deduction)
Interpretation	0.50	Stage 1 and/or 2: It is not possible to determine whether the embryo is mosaic based on looking at one or two different chromosomes in one or two cells. Comment(s) with deduction. (-1 marks) Comment with deduction. (-0.5 marks) Both partners should have the probe work-up, analysing 100 interphases and 10 metaphases for each. (=0.5 Comment with deduction) For embryo E6 there are only two yellow signals. (=0.5 Comment with deduction) There should be a conclusion stating which embryo(s) are balanced/normal and therefore genetically suitable for transfer. (=0.5 Comment with deduction)
Clerical Accuracy	2.00	Same clerical errors as in case A.

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### General Comments

In order to maintain impartiality of the marking please anonymise your EQA submissions in future.

### Mean Overall Score

<b>A 1 &amp; 2 stages marked together</b>	NRS
<b>Analytical Comments</b>	1.00
<b>Interpretation</b>	0.50
<b>Clerical Accuracy</b>	2.00

### Conclusions

<b>Recommendations</b>	None
<b>Performance Statement<sup>2</sup></b>	Satisfactory

## Thank you for your participation

\* To be read in conjunction with the EQA Summary Report

1 The maximum score for each category is 2.00

2 There are only two categories of performance for any EQA; "Satisfactory" and "Poor"

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