

Embryologist Validation- Instructions and Biopsy Sheet

The fields marked with * are mandatory to perform the test

CLINICIAN INFORMATION
*Clinic/Hospital/Medical Practice:
IVF Lab Manager:
*Email address for delivery of results:
DETAILS OF EMBRYOLOGIST BEING VALIDATED
*Embryologist Name:
*Embryologist Initials:
*Previous tubing experience (Y/N) – Details:

Instructions

A validation run (dummy/dry run) must be performed for each new clinic and all its embryologists that will be performing the tubing process. Any embryologist joining the clinic post initial validation and/or have not gone through the validation process must be validated before performing tubing on clinical samples. The quality of the embryos can affect the quality of the results; therefore, it is recommended to use good quality embryos for the validation runs (if available).

Requirements for multiple cell/clump biopsies (i.e. trophectoderm cells from blastocyst embryos):

- A minimum of 5 biopsied samples (clumps) are required.
- Samples/clumps should contain 5-8 cells.
- Include one blank per sample/clump: After "tubing" the biopsied sample/clump inside the 0.2ml microcentrifuge tube, from the last drop used for washing retrieve ~1-2µl of "washing/tubing" buffer and release in a new 0.2ml microcentrifuge tube designated as blank for that sample/clump.
- Label the lid of the sample/clump with the **initials of the embryologist followed by a number in a consecutive manner**. Record this in the table below in addition to the tube's unique ID number (provided by Igenomix UK and on the side wall of the tube). For example: SD1, SD2
- "Blanks" to that sample/clump are labelled the same way as in step 4 and adding the letter "B". For example: SD1B, SD2B
- For more detailed instructions on tubing of biopsied samples, follow the instructions detailed in the "Washing Tubing Instructions" document.



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***SAMPLE DETAILS & BIOPSY WORKSHEET**

Lot no. of wash/tubing	buffer used:	
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Embryo	ID	Day of Biopsy	Embryologist initials Cells seen in tube ⁽²⁾			
Tube label Embryologist's Initials+EMB #	Tube ID ⁽¹⁾	D5/D6/D7	Biopsy	Tubing	Yes/ No	Comments ⁽³⁾

- (1) This the number on the side of the tube provided by Igenomix.
- (2) Note if the cells were seen while being expelled from the capillary into the tube
- (3) Note any other observations that might be relevant, e.g., bad quality of cells, cells lysed while tubing etc.

Received by:	Date/Time:	
Sample accepted/rejected (provide reason if rej	ected):	-

Authorised by (Name): Seema Dhanjal Code: UK_L_F_032 Date of issue: 21/June/2022 Version: 1.0 Page 2/2