

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. trophoctoderm cells from blastocyst embryos):

- A minimum of 10 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.

