

**QUALITY REPORT**

To be completed by the patient's clinic or participating lab.



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Please review the Requirements for Specimen Credit Consideration below.

Files will not be reviewed until all supplemental materials are received. Please print legibly and allow our lab up to 45 business days to process inquiries once a complete file is received by Xytex. Remit all paperwork to [info@xytex.com](mailto:info@xytex.com).

Reporting Clinic: _____	Inseminating Physician: _____
Patient Name: _____	Person Submitting form: _____

**Donor Vial Identification:**

Donor ID number: \_\_\_\_\_ Lot number: \_\_\_\_\_ Vial Date: \_\_\_\_\_

Product Type:  Unwashed(ICI)  WASHED(IUI)  ICSI  ART

**Specimen Handling:**

Date sample received: \_\_\_\_\_ Condition of Shipper:  Charged  Thawed (If sample arrived thawed, contact Xytex immediately)

Date sample thawed: \_\_\_\_\_ Method of thawing?  RT duration? \_\_\_\_\_

37°C H<sub>2</sub>O bath duration? \_\_\_\_\_

Other: \_\_\_\_\_ duration? \_\_\_\_\_

**Specimen Analysis**

Was sample evaluated on a warm counting chamber?  Yes  No

Was sample mixed before evaluation?  Yes  No If yes, describe: \_\_\_\_\_

Was any processing performed prior to evaluation?  Yes  No If yes, describe \_\_\_\_\_

Counting chamber used:  Makler  Hemocytometer  Disposable slide (Leja, MicroCell, Cell-Vu, etc)

Counting method used:  Manual  CASA Forward Progression:  (4) Excellent  (3) Good  (2) Fair  (1) Poor

**INITIAL CALCULATION:**

$$\frac{\text{Volume (mL)}}{\text{Volume (mL)}} \times \frac{\text{Sperm Concentration (M/mL)}}{\text{Sperm Concentration (M/mL)}} \times \frac{\text{Motility (\%)}}{\text{Motility (\%)}} = \frac{\text{Total Motile Concentration in vial (M)}}{\text{Total Motile Concentration in vial (M)}}$$

**IF DISPOSABLE COUNTING CHAMBER USED, PROCEED WITH THE FOLLOWING CALCULATION:**

$$\frac{\text{Total Motile Concentration in vial (M)}}{\text{Total Motile Concentration in vial (M)}} \times 1.35 \text{ (Conversion factor*)} = \frac{\text{Corrected Total Motile Concentration in vial (M)}}{\text{Corrected Total Motile Concentration in vial (M)}}$$

Was the unit used for insemination:  Yes  No

Was any processing performed on the semen after evaluation by your lab prior to insemination?  Yes  No

If yes, describe \_\_\_\_\_

Comments: \_\_\_\_\_

I attest to the accuracy of the above information:

\_\_\_\_\_

Submitter's Signature

\_\_\_\_\_

Date

**REQUIREMENTS FOR SPECIMEN CREDIT CONSIDERATION**

- Supporting documentation must be submitted *within 45 days of sample thaw*, including specimen processing/andrology report and pregnancy test results. If sample was used in an IVF procedure, please include the fertilization report.
- Specimen must be thawed and handled according to Xytex protocols (included with each shipment).
- Specimens stored at the clinic longer than 60 days prior to thawing will not be considered.
- Specimen must be evaluated with a quantitative analytical method upon a warmed counting chamber prior to any processing or manipulation being applied; Xytex acknowledges up to a 30% variation between laboratories.
- Quality Reports for inseminations with Xytex donor sperm specimens resulting in a positive pregnancy test will not be considered.
- Quality Reports for IVF cycles without a transfer having achieved fertilization with a Xytex donor sperm specimen will not be considered.
- Quality Reports submitted for ART vials, sale vials (e.g. Featured Donor), and other discounted vials will not be considered.
- Quality Reports submitted for Home Insemination will not be considered.

\*conversion based on evidence that disposable slides display reproducible results >30% lower than Makler Chamber

**Selected conversion factor literature review:**

Peng, N., Zou, X. & Li, L. (2015) Comparison of different counting chambers using a computer-assisted semen analyzer, Sys Biol Reprod Med, 61:5, 307-313

Schiewe, M.C., Rothman, C., Sims, C.A., & Shamonki, J. (2018) Understanding inter-laboratory variation in post-thaw assessments of human sperm concentration and motility: counting chamber effect and other variables. JSM Sexual Med, 3(1):1015