

Client Information

Date of report:
Submission ID:
Temperature on arrival:
Date received:

| ID | Aggl. ¹ | Total Motility % | Volume (mL) | Concentration (M/mL) | Total Sperm Dose (billions) | Intact Acrosomes - Viable %, Flow Cytometry |
|-----------------|--------------------|------------------|-------------|----------------------|-----------------------------|---|
| 21890 | † Mild | 90 | 73.3 | 42.00 | 3.08 | NR |
| 21891 | † Mild | 89 | 73.1 | 43.00 | 3.14 | NR |
| 21892 | † Mild | 87 | 73.0 | 42.00 | 3.07 | NR |
| 21893 | † Mild | 92 | 73.2 | 44.00 | 3.22 | NR |
| 21894 | † Mild | 89 | 73.0 | 43.00 | 3.14 | NR |
| 21895 | † Mild | 85 | 73.1 | 46.00 | 3.36 | NR |
| 21896 | † Mild | 84 | 72.9 | 42.00 | 3.06 | NR |
| 21897 | † Mild | 84 | 73.3 | 45.00 | 3.30 | NR |
| Extender-042100 | | | | | | |
| † | None | NA | NA | NA | NA | NR |
| Water-2100 | † None | NA | NA | NA | NA | NR |
| MEAN | | 88 | 73.1 | 43.38 | 3.17 | - |

Morphology

| ID | Normal | Abnormal Heads | Disrupted Acrosomes ³ | DMR | Proximal Droplets ⁴ | Distal Droplets | Abnormal Tails | Detached Heads |
|-------|--------|----------------|----------------------------------|-----|--------------------------------|-----------------|----------------|----------------|
| 21890 | † 85.0 | 5.0 | 2.0 | 1.0 | 4.0 | 2.0 | 0.0 | 1.0 |
| 21891 | † 87.0 | 7.0 | 6.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 21892 | † 85.0 | 5.0 | 3.0 | 0.0 | 5.0 | 2.0 | 0.0 | 0.0 |
| 21893 | † 87.0 | 1.0 | 3.0 | 3.0 | 3.0 | 2.0 | 0.0 | 1.0 |
| 21894 | † 88.0 | 2.0 | 3.0 | 2.0 | 3.0 | 0.0 | 1.0 | 1.0 |
| 21895 | † 91.0 | 4.0 | 1.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 |
| 21896 | † 84.0 | 6.0 | 0.0 | 3.0 | 4.0 | 1.0 | 1.0 | 1.0 |
| 21897 | † 86.0 | 3.0 | 5.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 |

Key:

DMR = Distal mid-piece reflex

¹Aggl. = mild < 10% Mod. 10-30% Severe > 30%

²Calculated Viability = total cell x Morphology x Motility

³DA = Damaged or missing

⁴PD = Includes abnormal mid pieces

NA = Not available

NR = Not requested

† Indicated for microbiology evaluation

Analysis Variations:

Volume [+/-0.5%], sperm motility (IVOS-various techniques)[+/-2%], sperm concentration [+/-10%] (hemacytometer), total sperm/dose (+/-10%), and sperm morphology (DIC)[+/-13% if >70% normal]

Synopsis:

Provided for each report.

Notes:

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Any type of sample submitted to the Reference Andrology Lab (RAL) and any microorganism isolated from a submitted sample becomes the property of the RAL.