KINETIX™ SPERM ASSAY: IMPROVING PREGNANCY SUCCESS RATES BY IDENTIFYING OPTIMUM FERTILITY WINDOWS

Seattle Sperm Bank has partnered with Arex Life Sciences to be the first sperm bank to offer the Kinetix™ Sperm Assay for Directed Donor Clients.

WHAT IT IS

The Kinetix Assay is a new and advanced way to test sperm that goes beyond standard semen analysis. It shows when a sperm sample is most ready to fertilize an egg — helping families and clinics make better treatment decisions.

WHY IT MATTERS

When you're making plans for future family-building, you want confidence that stored samples have real potential to fertilize an egg. Kinetix offers that reassurance by providing:

- **More than appearances** – instead of only looking at how sperm look under a microscope, Kinetix measures whether they can actually function the way they need to for fertilization.
- **Clarity on timing** – it pinpoints the specific "fertility windows" when sperm are most capable of achieving pregnancy.
- **Reassurance before treatment** – it confirms a directed donor's sample has measurable fertilization potential before insemination or IVF begins.

HOW IT WORKS

This advanced test measures how sperm function changes over time and assigns each sample a quality score.

This scoring process uniquely identifies **fertility windows** - the specific times when the sperm has the highest chance of successful fertilization. This provides doctors and clinics with actionable guidance to better time insemination and improve treatment outcomes.

Seattle Sperm Bank

IN PARTNERSHIP WITH

AREX LIFE SCIENCES
MAXIMIZING MALE FERTILITY

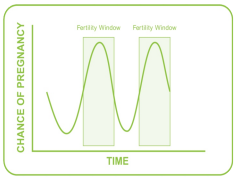
KINETIX SCORE

5 4	GOOD FUNCTION/ FERTILE	The tested ejaculate exhibits **healthy, robust sperm** function. Potential for success is good when insemination occurs within window of optimal function.
3 2	MEDIUM FUNCTION/ SUBFERTILE	The tested ejaculate exhibits **medium** function. Fertilization is possible.
1 0	POOR FUNCTION/ INFERTILE	The tested ejaculate exhibits **non-cycling or declining** function. Fertilization failure is expected.

FERTILE

ROBUST FERTILITY WINDOWS

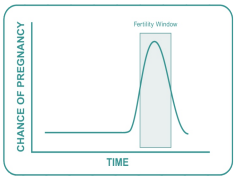
- Multiple fertility windows
- Suitable for all forms of ART including IUI



SUBFERTILE

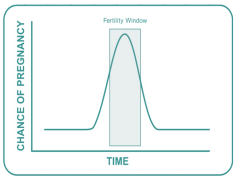
LATE FERTILITY WINDOW

- Fertility window only at late time points
- Insemination timing is critical for all forms of ART including IUI



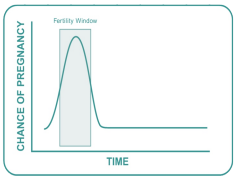
MIDDLE FERTILITY WINDOW

- Fertility window appears at middle time points
- Insemination timing is critical for all forms of ART including IUI



EARLY FERTILITY WINDOW

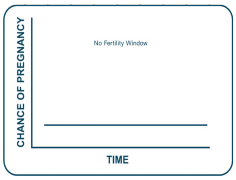
- Fertility window only at early time points
- Insemination timing is critical for all forms of ART including IUI



INFERTILE

NO FERTILITY WINDOW

- Fertility windows do not exist
- Infertility and cycle failures for ART and IUI expected



The Kinetix Assay was developed and validated by Arex's CLIA laboratory to meet specific clinical needs with performance characteristics determined by Arex. This test has not been authorized, cleared or approved by the FDA.

QUESTIONS? Visit SeattleSpermBank.com/Directed-Donors or email dd@SeattleSpermBank.com.