

AIA-PACK Series
IVF Markers



Taking Guesswork Out of Conception

Conception truly is life's greatest miracle considering the multitude of factors that occur in a small window of opportunity under perfect conditions. Unfortunately, infertility is an increasing problem affecting 1 in 6 couples trying to conceive due to factors such as the rising ages of a couple's first pregnancy or conditions such as polycystic ovarian syndrome (PCOS).^{1,2}

In Vitro Fertilization (IVF) works by monitoring reproductive hormones and inducing conception under optimal conditions, offering a potential solution for couples who have failed to conceive naturally.

Tosoh is committed to delivering the highest standard of quality, precision, and accuracy in clinical diagnostics to help take guesswork out of IVF hormonal testing, helping your patients fulfill life's greatest miracle. Our extensive IVF marker menu offered in a unique dry reagent test cup technology combined with our automated immunoanalyzers provide a precise and comprehensive solution for IVF clinics.

IVF MARKERS AVAILABLE

FSH

E2

LH

PROG III

β HCG

TES

TOSOH BIOSCIENCE

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Features and Benefits

IVF Assay Menu Provides:

- **High Sensitivity, Wide Dynamic Range** meets criteria suitable for IVF application.
E2: 25 – 3000 pg/mL, β HCG: 0.5 – 400 mIU/mL
- **18-Minute Result Turnaround Time** allows result reporting during the visit, improving patient care.
- **90-Day Calibration Stability** reduces cost, time, and calibration frequency.
- **Biotin-Free Immunoassay** minimizes the risk of false lab test results.
- **Reduced Human Anti-Animal Antibody (HAAA) Interference** results in increased assay specificity.

Combined with our AIA Instrument Portfolio:

- **Automated On-Board Dilutions** reduce time intensive manual work and costly sample re-runs.
- **Interchangeable Results On All AIA Instrumentation** provides laboratory flexibility to enlist a backup analyzer or testing in an outpatient clinic.

Choose Wisely. Choose Tosoh.



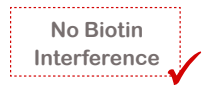
Accurate & precise



Specific & sensitive



Correlation with gold standard methods



Biotin-free immunoassays



Extensive test menu



Up to 90 day calibration stability



10 min incubation times



Automated workflows

Available for Labs and Workloads of All Sizes



AIA-360



AIA-900
Benchtop



AIA-900
with 9 Tray Sorter
Also available with 19 tray sorter option and as Loader model



AIA-2000

Tosoh products are for Prescription use only as In-Vitro Diagnostics

References

1. Thoma, M. E. et al. Prevalence of infertility in the United States as estimated by the current duration approach and a traditional constructed approach. *Fertility and Sterility* 99, 1324–1331 (2013).
2. Brassard, M., Ainmelk, Y. & Baillargeon, J.-P. Basic Infertility Including Polycystic Ovary Syndrome. *Medical Clinics of North America* 92, 1163–1192 (2008).

Universal Reagent

Tosoh's AIA-PACK test cup format works with every Tosoh automated immunoassay system allowing for a seamless transition from one system to the other, ensuring consistent results in an efficient and economical process.

Save Time and Money

Tosoh's AIA-PACK test cups are single, unitized cups that use a dry reagent format that ensures calibration stability of up to 90 days.

No Contamination, More Traceability

Because there is no transfer of reagents the risk of contamination is eliminated. The unique bichromatic fluorescence kinetic measurement ensures a high analytical and functional sensitivity for all assays. AIA-PACK test cups and trays are labelled with the assay code and lot number for automated scheduling and inventory.



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