

ERA[®]

Endometrial
Receptivity
Analysis
by Igenomix[®]

**If you have had
implantation failures,
we can help you**

Patented since 2009

Igenomix[®]
WITH SCIENCE ON YOUR SIDE

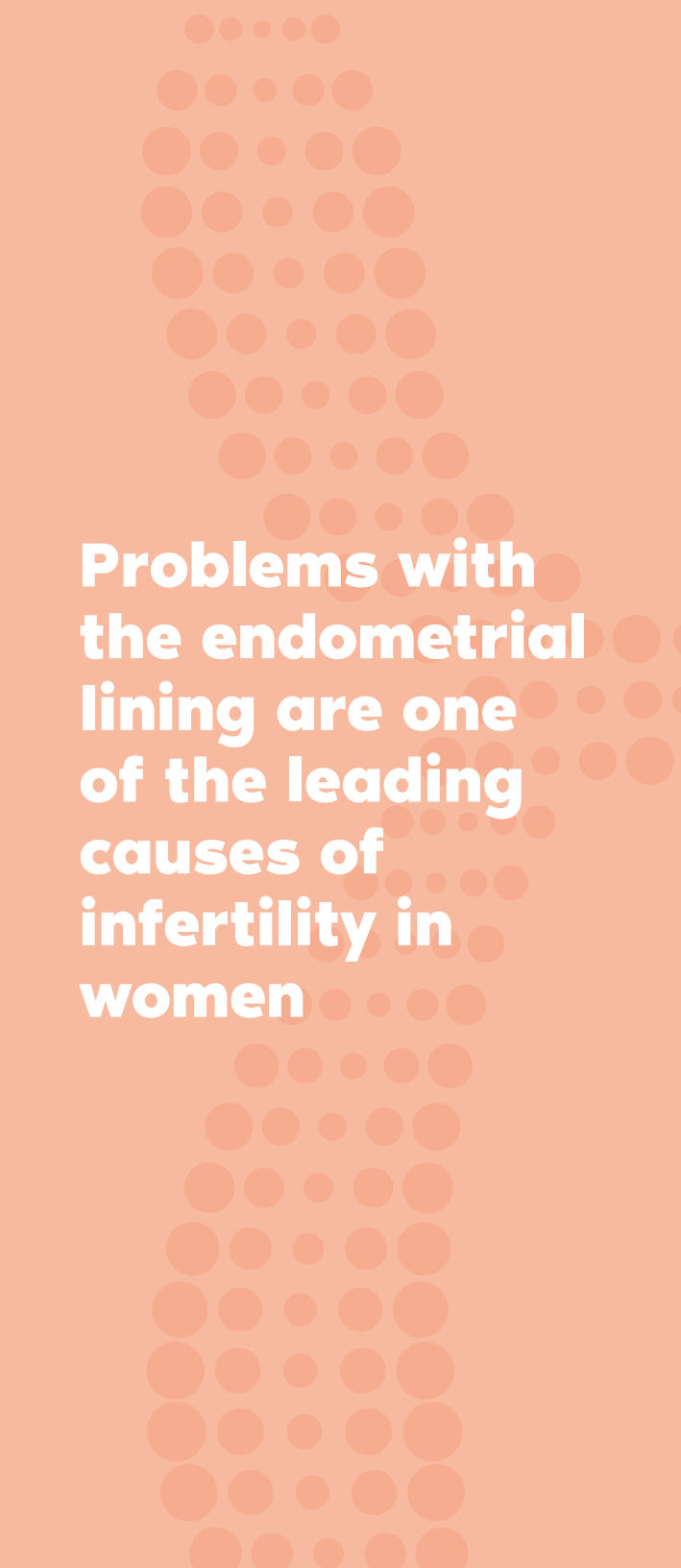
What is the endometrium?

Problems with the endometrial lining are one of the leading causes of infertility in women. The interior of the uterus is lined with a tissue called endometrium, which is prepared each month for the arrival of an embryo and is the place where the embryo implants and resides during gestation. When this does not occur, menstruation begins and the endometrial lining is shed.

Endometrial receptivity

Sometimes embryo implantation in the endometrium does not develop successfully. This failure can occur for different reasons. A particularly important factor is endometrial receptivity. The endometrium is receptive when it is ready for embryo implantation to occur. This period of receptivity is called the window of implantation.





**Problems with
the endometrial
lining are one
of the leading
causes of
infertility in
women**

What is the ERA test?

ERA is the first test developed to evaluate endometrial receptivity with published clinical efficiency

ERA is a diagnostic method developed and patented by Igenomix R&D department since 2009, after more than 10 years of research. This technique allows us to evaluate the endometrial receptivity status of a woman.

This biopsy is quickly and easily taken by physician in their office.

In our laboratory, we use Next Generation Sequencing to measure the expression of 248 genes involved in endometrial receptivity. **An in-house designed computational predictor analyzes the data obtained, classifying the endometrium as Receptive or Non-Receptive.**

An endometrium is receptive when it is ready for the embryo implantation, and this normally occurs during the window of implantation (WOI), around days 19-21 in each menstrual cycle of a fertile woman. However, the WOI can be substantially different from woman to woman and the incorrect timing of embryo transfer is one of the causes of recurring implantation failure.

A state of non receptivity means that the window of implantation is displaced.

The ERA predictor will indicate your optimal window of implantation. Transferring an embryo at the optimal time maximizes your chance of achieving a pregnancy.

A close-up portrait of a woman with voluminous, curly, light brown hair. She is smiling broadly, showing her teeth, and looking upwards and to the right. She is wearing a dark, pinstriped blazer over a light-colored collared shirt. The background is a plain, light-colored wall.

72.5%*
Pregnancy
rate

What are the advantages?

Pregnancy rate using the ERA test in patients starting assisted reproductive treatments is 72.5%.
(Simon et al., ASRM, 2019)*

How can I access ERA?

Ask your physician for further information.

If you have any questions, contact us at:
www.igenomix.com

Igenomix Publications:

<https://www.igenomix.es/test/era-analisis-receptividad-endometrial>

*Simon et al. ASRM Oral communication 2019; 112(3): Supp e56–e57



(305) 501-4948

infousa@igenomix.com
www.igenomix.com