

# ERA<sup>®</sup>

Endometrial  
Receptivity  
Analysis  
**by Igenomix<sup>®</sup>**

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

Patented since 2009

A woman with voluminous, curly brown hair is smiling warmly at the camera. She is wearing a light blue button-down shirt with her arms crossed. The background is a soft, out-of-focus grey.

**Igenomix<sup>®</sup>**  
WITH SCIENCE ON YOUR SIDE

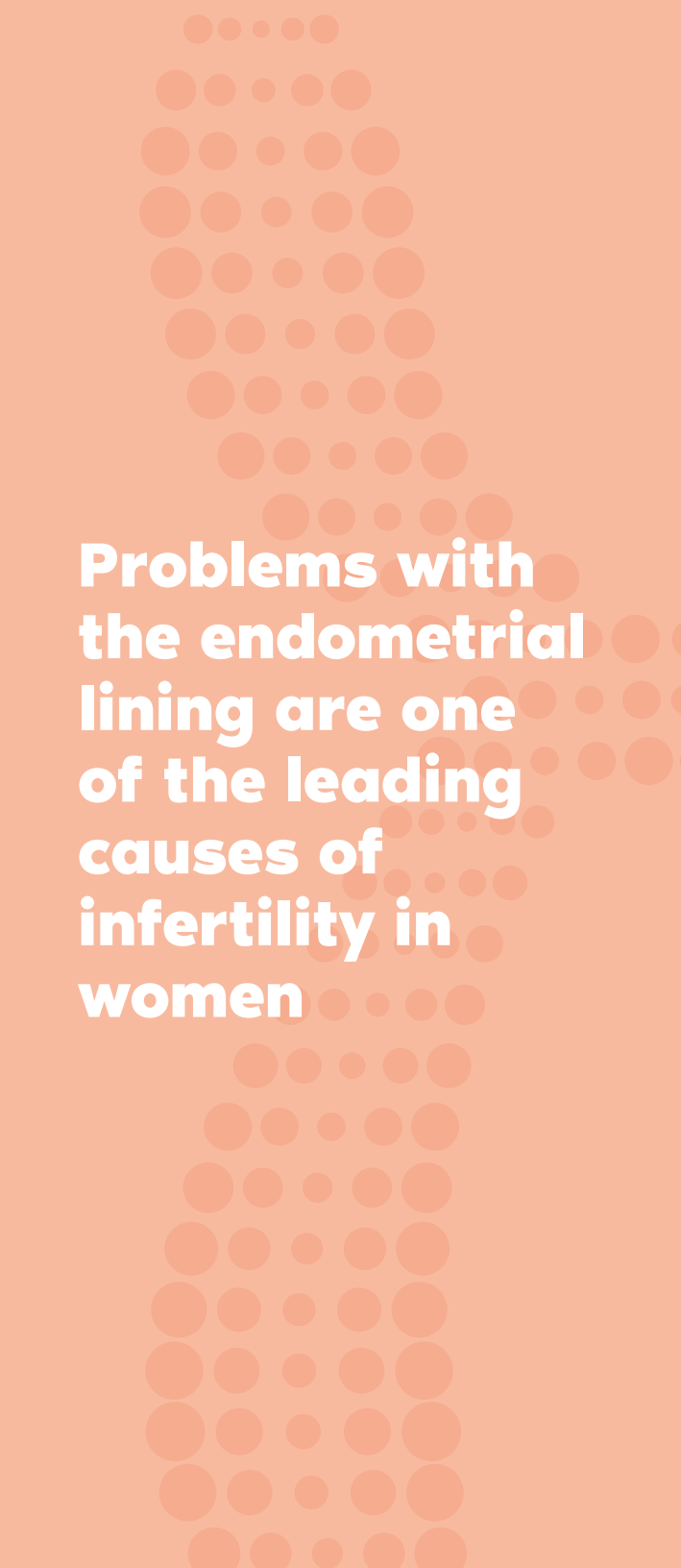
# What is the endometrium?

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. 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 diagnostic test developed to identify the window of implantation with proven and 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. ERA 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, the sample is sequenced by next generation sequencing to obtain the expression of 248 genes involved in the endometrial receptivity. **An in-house designed computational predictor analyzes the data obtained, classifying the endometrium as Receptive or Non-Receptive.**

If receptive, the window of implantation (WOI) is defined at the time when the sample was taken. Meaning **the embryo is capable of implantation in the uterus during this period of time.**

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

The ERA predictor will indicate your optimal window of implantation. This will allow for personalized embryo transfer.

A close-up photograph 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.eu](http://www.igenomix.eu)**

### **Igenomix Publications:**

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

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



[www.igenomix.eu](http://www.igenomix.eu)