<table>
<thead>
<tr>
<th>Step</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Select the cycle type (HRT or natural) in which the ERA should be performed.</td>
</tr>
<tr>
<td>2</td>
<td>Take a biopsy from the uterine fundus during the estimated Window of Implantation either: • In a Hormone Replacement Therapy or cycle, after 5 full days (P+5) (120h) of progesterone exposure. • In a natural cycle, at LH +7 or hCG +7.</td>
</tr>
<tr>
<td>3</td>
<td>Place the biopsy in the ERA cryotube (included in the kit) and close the tube securely.</td>
</tr>
<tr>
<td>4</td>
<td>The quantity of tissue should not exceed the white line of the cryotube.</td>
</tr>
<tr>
<td>5</td>
<td>Label the cryotube either with the Patient’s initials, DOB and date of biopsy or with the Patient’s initials and Unique Patient ID Number. Shake it vigorously for 10 seconds.</td>
</tr>
<tr>
<td>6</td>
<td>Immediately place the sample in the refrigerator at 4-8°C/39-46°F for a minimum of 4 hours and store there until shipping (maximum 3 weeks).</td>
</tr>
<tr>
<td>7</td>
<td>Send the sample at room temperature packaged in the protective plastic and placed in original kit box. Include the completed documentation. Place the box and documents in the courier bag. (In case the shipment might reach temperatures &gt;35°C/95°F add an ice pack to the package.)</td>
</tr>
<tr>
<td>8</td>
<td>To confirm shipping, instructions go to: <a href="http://www.igenomix.com/era-form">www.igenomix.com/era-form</a></td>
</tr>
<tr>
<td>9</td>
<td>For clinical questions, go to: <a href="http://www.igenomix.com/era-form">www.igenomix.com/era-form</a></td>
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</tbody>
</table>
ERA®: Endometrial Receptivity Analysis

**ERA** indicates the patient’s window of implantation (WOI), increasing the chances of a successful transfer.

* Never perform the biopsy in a Controlled Ovarian Stimulated (COS) cycle.

**IGENOMIX** recommends performing the biopsy in a HRT cycle.

**ERA** cryotube sample size:
- Not to exceed the white line of the ERA cryotube

**P** = First day of progesterone intake
**LH** = The day of the LH surge

**NATURAL**
- LH+0
- LH+7

**HRT**
- P+0
- (125 hrs) P+5

endometrial biopsy

sample size:
- Not to exceed the white line of the ERA cryotube

- **sample biopsy**
- **shipment at room temperature**
- **refrigerator (4-8°C / 39-46°F)**
- minimum 4 hrs

- **protective plastic container**
- **use ice pack if necessary**

**ERA cryotube**

**embryo transfer**

next cycle

- **receptive**

igenomix

- results in 10-15 days from the date the sample is received

- **non-receptive**

**2nd biopsy on the recommended day**

**HRT**
- P+0
- (125 hrs) P+3
- P+7

**NATURAL**
- LH+0
- LH+5
- LH+9

**Menstruation**

- LH+0
- LH+7

**IGENOMIX** recommends performing the biopsy in a HRT cycle.

In 99.1% of cases analyzed, the WOI was determined.

25% of RIF* patients are non receptive.

In the case of non receptive results, ERA® will indicate the day a second biopsy should be performed in order to validate a displacement of the WOI:
- Pre-receptive patients, after the first biopsy.
- Post-receptive patients, before the first biopsy.

The transfer of a blastocyst should be performed on the day on which a receptive result has been obtained. A day-3 embryo should be performed two days earlier than the receptive day.

- **EPA** - Expression Profile Analysis. Identifies a possible displacement of the WOI.

- **RIF** - Recurrent Implantation Failure.

In 99.1% of cases analyzed, the WOI was determined.