

Ziwig Endotest®

A saliva test for the early and reliable diagnosis of endometriosis



What is Ziwig Endotest® ?

Ziwig Endotest® is an in vitro diagnostic device for use by healthcare professionals only for the **diagnosis of endometriosis** from a **saliva sample**. Ziwig endotest® is an innovative, non invasive, diagnostic tool based on the analysis of **salivary miRNAs** via **NGS (Next Generation Sequencing)** and by **Artificial Intelligence (AI)**.

The advantages of Ziwig Endotest®

- Clear positive/negative result
- Rapid diagnosis
- All forms of endometriosis can be diagnosed⁵⁻¹
- High reliability close to %100 (sensitivity > %95, specificity > %95, diagnostic accuracy (AUC) > %95)⁶
- Simple and non-invasive sample collection



When to prescribe Ziwig Endotest®?

Ziwig Endotest® is intended for patients between the age of 18 and 43 years with symptoms suggestive of endometriosis⁷.

Symptoms suggestive of endometriosis⁸:

- Chronic pelvic pain
- +/- dysmenorrhea
- +/- deep dyspareunia
- +/- dysuria/painful urination
- +/- dyschezia/painful defecation
- +/- painful rectal bleeding or haematuria during menstruation
- +/- pain in the shoulder tip
- +/- infertility

Ziwig Endotest has obtained CE label

Limitations of use of Ziwig Endotest®

- The patient must be at least 18 and no more than 43 years of age at the time of testing
- The patient must not have a history of cancer or Human Immunodeficiency Virus (HIV) infection.
- The patient must not be pregnant at the time of testing.
- Ziwig Endotest® is intended for female patients only.
- Ziwig Endotest® can be performed under hormonal treatment.
- Ziwig Endotest® can be performed at any time of the cycle.

Why a saliva test to diagnose endometriosis?

Endometriosis affects about %10 of women of childbearing age⁹ and causes a significant deterioration in quality of life.

Ziwig Endotest® represents a major innovation, as it enables an early diagnosis and care of endometriosis. Ziwig Endotest® allows women suffering from endometriosis to avoid the usual tortuous medical journey by :

- Reducing the average diagnosis time (8 to 12 years on average) to just a few days¹⁰
- Avoiding numerous tests and examinations before a diagnosis, which in the absence of Ziwig Endotest® required surgery in many cases, is finally reached.

Thus, Ziwig Endotest®, a salivary test for the early diagnosis of endometriosis, will allow :

- Targeted care that can slow or even stop the worsening of pain and other symptoms, thereby greatly improving patient quality of life.
- An optimised treatment strategy in case of associated infertility.

About Ziwig

Ziwig® is an innovative French biotech specialising in salivary RNA analysis and AI. It operates as an ecosystem at the crossroads of several medical, scientific and digital disciplines. Ziwig® is strongly committed to disruptive innovations that support the transformation of healthcare systems towards more effective, more humane and more accessible precision medicine.

Bibliography



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Ziwig Endotest® wins
the Prix Galien 2022

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