

# ENDOMETRIAL MICROBIOME ANALYSIS FOR REPRODUCTIVE HEALTH

BARCODE

## PHYSICIAN INFORMATION

INSTITUTION/PRACTICE	ADDRESS (STREET NAME, NO., CITY, POSTAL CODE, COUNTRY)
FIRST NAME	TELEPHONE NUMBER (COUNTRY CODE & NUMBER)
LAST NAME	E-MAIL ADDRESS (FOR REPORT ACCESS)

## PATIENT INFORMATION

FIRST NAME	ADDRESS (STREET NAME, NO., CITY, POSTCODE, COUNTRY)
LAST NAME	TELEPHONE NUMBER (COUNTRY CODE & NUMBER)
DATE OF BIRTH (DD/MM/YYYY)	GENDER (MALE/FEMALE/OTHER)
PERSONAL IDENTIFICATION NO.	REASON FOR TEST

## SAMPLE INFORMATION

Collection date: \_\_\_\_\_  
Time: \_\_\_\_\_

Samples are usually taken during the second half of the menstrual cycle.

## OUR TESTS

- ☐ **ebiom**  
NGS (Next Generation Sequencing) analysis of all types of bacteria in the endometrial microbiome, including *Atopobium*, *Bifidobacterium*, *Chlamydia*, *Chryseobacterium*, *Gardnerella*, *Haemophilus*, *Klebsiella*, *Lactobacillus* spp., *Neisseria*, *Staphylococcus*, *Streptococcus*, etc.
- ☐ **ebiomCE**  
Multiplex-PCR (Polymerase Chain Reaction) analysis to screen specifically for pathogens associated with chronic endometritis, including *Chlamydia trachomatis*, *Mycoplasma genitalium*, *Mycoplasma hominis*, *Neisseria gonorrhoeae*, *Streptococcus* spp., *Ureaplasma parvum*, and *Ureaplasma urealyticum*.
- ☐ **ebiom+**  
Includes ebiom and ebiomCE.

SIGNATURE OF THE ORDERING PHYSICIAN

SIGNATURE OF THE PATIENT

DATE OF COMPLETION

DATE OF COMPLETION

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## PRE-ANALYTICAL PREREQUISITES FOR A VALID ANALYSIS

- Probiotic lactobacilli substitution and/or antibiotic therapy must be discontinued 7 days prior to sample collection.
- **Samples must be collected using the Multi-Collect Specimen Collection Kit.**
- The kit can be stored at 15°C to 30°C until use.
- The Multi-Collect Specimen Collection Kit must not be used for sample collection after the expiry date.
- Transportation and storage: The sample material is stable in the buffer liquid in the transport tube at 2°C- 30°C for 7 days.
- Nevertheless, we recommend the sample is sent immediately to our laboratory.

**Warning:** Do not ingest the Abbott Multi-Collect Specimen Collection Kit transport buffer and avoid contact with skin.

## INSTRUCTIONS FOR TAKING AN ENDOCERVICAL/ENDOMETRIAL SAMPLE

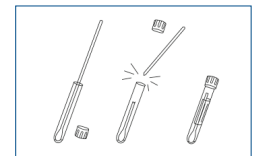
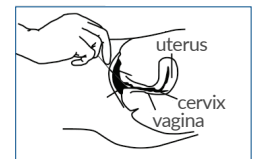
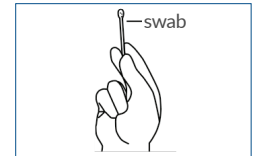
Collect a sample in the second half of the menstrual cycle.

After disinfection, wipe the cervix with a second, sterile swab soaked in saline (not included in the collection kit) to avoid contamination of the swab with disinfectant when taking the sample. Samples can be taken at the same time as, but before, a hysteroscopy. The sample must be taken first, before the introduction of liquid or carbon dioxide gas, as these can alter the result.

**Caution:** The collection of sample material for an endometrial microbiome analysis alone is not an indication for a hysteroscopy. It is possible to take a sample according to the instructions below as part of any gynecological examination. However, this must be done by a fertility specialist or gynecologist and cannot be taken by patients themselves.

Endometrial swabs should be collected without contamination from vaginal flora:

- 1 The external cervical orifice should be disinfected with a suitable disinfectant before sampling and then cleaned with sterile saline solution. This area is not swabbed. Disinfection should ensure that no germs accidentally get deeper into the cervix and uterus.
- 2 Discard the disposable transfer pipette; it is not required for taking endometrial swabs.
- 3 Carefully remove the sterile swab from the protective foil. Do not touch the tip of the swab and do not put it down.  
**Caution:** The swab must NOT come into contact with the transport fluid before taking the sample.
- 4 Insert the white tip of the swab via the endocervical canal up to the uterine fundus. For the most accurate representation of the endometrial microbiome, make sure that the swab is inserted without contact to the vaginal flora and as little contact as possible with the cervical flora.
- 5 Gently rotate the swab for 15 to 30 seconds to take the sample.
- 6 Remove the swab carefully without contact (see above).
- 7 Handle the cap of the transport tube and the tube itself carefully to avoid contamination.
- 8 Open the cap of the tube and insert the swab into the tube so that the white tip is pointing downwards.
- 9 Carefully break off the end of the swab at the breaking-off point on the handle. Do this carefully to avoid splashing.
- 10 Attach sample identification to the transport tube.
- 11 Complete the test order form in full, including patient signature.



The swab collection process for both ebiom and ebiomCE analysis is identical. However, when ordering ebiom+, two swabs must be submitted to ensure precise and reliable analysis.

## SHIPPING

Place the transport tube and order form in the shipping bag.

Send by post to the following address: MVZ Martinsried GmbH, Lochhamer Str. 29 82152 Martinsried, Germany

## RESTOCK

To reorder ebiom+ collection kit(s) or endometrial swabs (Abbott Multi-Collect Specimen Collection Kit) in bulk, please contact your local Medcover Genetics sales representative or email us at: [info.genetics@medicover.com](mailto:info.genetics@medicover.com)