Clinical performances

In a recent clinical study**, 97.9% of samples have produced enough material to reliably test biomarkers levels (617/630 testing opportunities).

The study enrolled 63 patients from 9 sites. One eye from each patient was sampled twice, 5 biomarkers were measured from each sample by RT-PCR in a centralized laboratory.

Availability

EYEPRIM™ is commercially available in EUROPE.

INTRODUCTORY PRICE:

198 euros / 20 units

Interested by the offer? Contact us at sales@opiatech.com.

Any questions about EYEPRIM™? Opia will answer all your questions on the only reliable device for conjunctival impression at sales@opiatech.com.

* Conjunctival prints.
** Undisclosed source.
1 Shipping cost not included / local taxes may apply.

Consult instructions for use. EYEPRIM™ is a Class I (sterile) medical device according to the directive 93/42/CEE, CE 0499 (SNCH) / Last update: 28/05/2013 / EYEPRIM™ picture © Roydor ©.

Distributed by: Opia Technologies – Institut de la vision – 17 rue Moreau – 75012 Paris – FRANCE. Email: sales@opiatech.com – Web: www.opiatech.com – www.eyeprim.com
EYEPRIM®
The new medical device for reliable conjunctival impression

EYEPRIM® allows very fast, virtually painless, and minimally invasive cell collection from the living eye.

> Great performances
- Collects 50% more cells than the current method**;
- Reliable and reproducible sampling;
- Collects enough cells for quantitative; assessment of several biomarkers;
- Optimized for bioassays.

> Easy to use***
- Easy handling;
- No anaesthesia needed;
- Perfect fitting with the patient eye;
- Sterile device;
- Ejectable sample.

> Regulatory status validated
- CE marked****;
- Available on US market.

* Conjunctival prints. ** Clinical and non-clinical studies using the method described in the literature (F. Brignole-Baudouin et al., Experimental Eye Research, 78-2004, 473–481). *** Consult instructions for use.**** Class I (sterile) medical device according to the directive 93/42/CEE, CE 0499 (SNCH) / Last update: 14/12/2012 / EYEPRIM® picture O. Roydor ©.
**EYEPRIM™: Medical Device for Conjunctival Impression.**

*Clinical performances*

EYEPRIM™ was clinically tested on patients volunteers with very convincing results. See some of the results below:

![Graph showing cell collection comparison](image)

**Performances:**

- **Easy** to use;
- **Well tolerated** device;
- **Effective** cell collection for flow cytometry;
- **Effective** cell collection for PCR analysis.

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2 Quotation from S. Pfugfelder.

* Conjunctival prints.
** Method described in the literature: F. Brignole-Baudouin et al., Experimental Eye Research, 78-2004, 473-481

Consult instructions for use. EYEPRIM™ is a Class I (sterile) medical device according to the directive 93/42/CEE, CE 0499 (SNCH) / Last update: 12/03/2013 / EYEPRIM™ picture O. Roydor ©.
Applications

- Cytology
- 3D Cytology
- Immunofluorescence
- Flow cytometry
- Proteomic

Precise location of the sampling zone

Isolation from tear film and eyelid margin

Minimize sample contamination

Repetitive sampling parameters (pressure, sampling surface)

High yield

Time saving

Painless safe, sterile

Ergonomic user-friendly
What is EYEPRIM?

EYEPRIM™ is a sampling medical device for the collection of conjunctival cells from the ocular surface of the eye, for the purpose of analysis.

EYEPRIM™ is the first validated and reliable tool addressing the sampling method traditionally called impression cytology, or conjunctival impression. EYEPRIM™ solves all the issues related to this sampling technique and provides great sampling performances, in a reliable, reproducible, and user-independent manner.

Analyses of samples:

**Cytology**: cytology analysis is possible with a suitable microscope after proper staining of the membrane.

**Flow cytometry**: cells collected with EYEPRIM™ can be analysed by flow cytometry once the cells have been detached from the membrane. A single EYEPRIM™ membrane is sufficient for such measurement.

**Quantitative RT-PCR**: EYEPRIM™ has especially great yield performances for ribonucleic acids (RNA) and allows the measurement of several biomarkers from a single membrane.

**3D cytology** is a patented analysis method (OcuPharm Diagnostics) for the study of goblet cells and goblet cells secretions. This technique is performed on EYEPRIM™ conjunctival impression sample, using a Laser Scanning Microscope.

**Protein extraction**: provides great protein recovery performances. Particular attention should be paid on the choice of extraction buffer depending on the analysis to be perform.

Who is using it?

EYEPRIM™ is used by any organization – Contract Research Organizations, academic or private research centres, pharmaceutical companies – interested in improving the bio-molecular analysis of the ocular surface with a reliable sampling tool.

EYEPRIM™ is also used in routine clinical practice by ophthalmologists to sample the conjunctiva of patients in order to refine the diagnosis of their ocular surface with further analysis.

How to use?

1- Patient must look up or down according to the selected sampling area. No anaesthesia needed.

2- Position the device on the conjunctiva relatively to the limbus.

3- Bring the membrane onto the conjunctiva by pressing gently on the push-button. Hold from 2 to 3 seconds.

4- Release the pressure, then remove the device from the eye.

5- Eject the membrane with the sample into a container by pushing hard onto the push-button.

Ordering information:

**Europe**: Opia Technologies - Order: sales@opiatech.com - Information: contact@opiatech.com

**Rest of the world**: Opia Technologies - Information: contact@opiatech.com

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