



## Biologique Recherche Skin Instant Lab® – Skin Analysis

Biologique Recherche is a French biological skin care line with over 40 years of experience in developing powerful products that restore and protect the skin. Biologique Recherche strives to understand and treat the skin, in order to enhance its beauty and achieve significant results.

If it's been a while since you've been in for a facial, or it's your first time visiting our BR Expert Center, your medical aesthetician can utilize the Skin Instant Lab to carry out a thorough dermo-cosmetic diagnosis to pinpoint your exact Skin Instant®. This process utilizes specialized probes placed on the skin and run through a customized software in order to measure hydration, effectiveness of the lipid barrier, elasticity, pigmentation, and sebum.

### Probe 1 Hydration

Hydration is measured using a probe fitted with an electrode and placed on the surface of the skin. It is possible to measure the skin's capacity to alter an electrical field. This capacity is Hydration, the quantity of water present in the skin.

### Probe 2 TEWL (Transepidermal Water Loss)

TEWL is used to assess the lipid barrier function of the Stratum Corneum, and is measured using the open cylinder method: a probe applied to the skin creates a cylindrical chamber, open to air. This chamber contains two sensors which measure the water vapor pressure gradient arising between the surface of the skin and surrounding air.

### Probe 3 Elasticity

Elasticity, the physical capacity of the skin to regain its initial shape after pressure is removed, is measured with suction and elongation. The probe device generates negative pressure and the results are analyzed.

### Probe 4 Pigmentation

Since Skin Pigmentation depends on the quantity of pigment present, pigment is measured by an absorption method. The probe measures the quantity of melanin & hemoglobin in the skin and then emits light waves on 3 defined wavelengths. A receiver measures the light reflected by the skin.

### Probe 5 Sebum

Sebum is an oily film secreted by the skin's sebaceous glands to protect against external aggressions (micro-organisms, drying) and is measured by sampling some from the surface of the skin onto opalescent glass. The more sebum there is the more transparent the film will be. The lipids collected by sampling represent only a fraction of the total quantity present on the surface of the skin.

As always, your skin therapist will also visually examine your skin and discuss your concerns with you in order to recommend the most appropriate services and products for your Skin Instant®.

**\$95 Value**