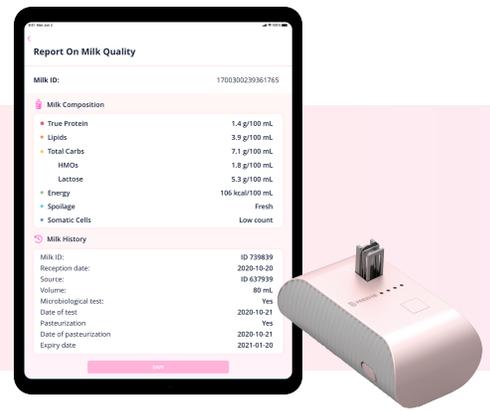


Preemie Milk Quality software for Human Milk Banks

This software works with the Preemie sensor, and allows personnel at Human Milk Banks to test milk composition, freshness, and safety, to store all the key data about donor milk, and to automatically print information labels for the donor milk.



The user enters all the relevant data about the milk in the tablet app through a user-friendly interface. The operations to analyse the milk are simple and fast: place a couple of drops of homogenized breast milk in the Preemie cuvette, insert it into the holder, and then into Preemie sensor. The light spectrum and analysis of the milk appear in the app in a few seconds. The analysis is saved in a report, including all the other information about the donor milk batch.

● Preemie Milk Quality Software Features

- Operates the Preemie sensor* for human milk analysis;
- Runs on an Android or iOS tablet, connects to the Preemie Sensor via Bluetooth, and uses an Internet connection to perform milk analysis and store the data;
- Prints labels with information, including milk composition, that can be placed on the milk bags that are stored or shipped;
- Automatically collects and stores the results of the analysis:

Composition: Total Protein, Total Lipids, Lactose, Total Human Milk Oligosaccharides, Energy

Freshness (based on bacteria count)

Safety (based on somatic cell count)

*The Preemie sensor is a Near InfraRed spectrometer calibrated with human milk. The sensor is fast, portable, lightweight, and easy to operate.

