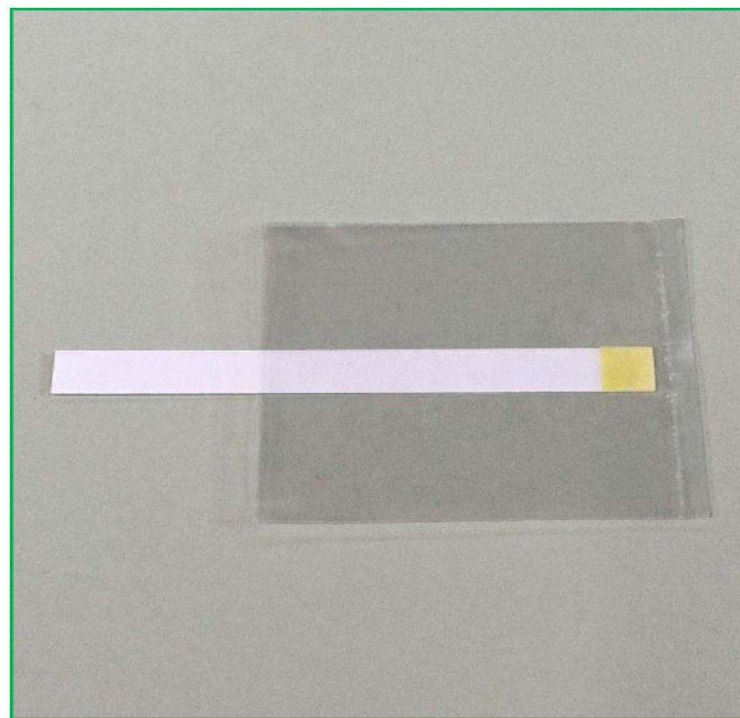
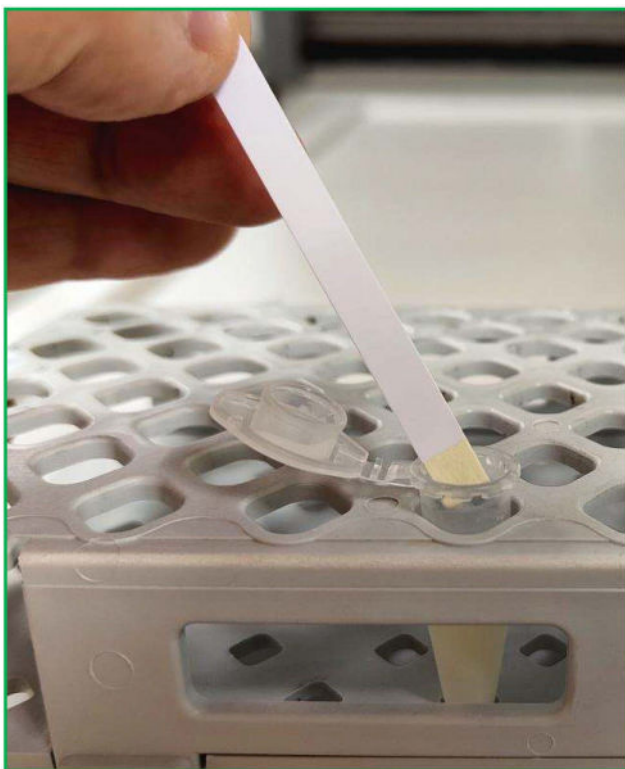


FosfaMilk Test: the new colorimetric kit

High-sensitivity determination (200 mU/L) of Alkaline Phosphatase in milk, whey, cream and butter



FosfaMilk Test: the new colorimetric kit

High-sensitivity determination (200 mU/L) of Alkaline Phosphatase in milk, whey, cream and butter

Advantages:

Easy-to-use kit based on test strips in a smart 50-test box

Results within 60 minutes on milk and whey samples from every species

Applicable on cream and butter samples after a quick defatting process

No need of chemical reagents, micropipettes or dedicated consumables

Incubation: 1 hour at 37°C in every kind of thermostat or waterbath

Easy and clear interpretation of results by eye: no reading device is required

Semiquantitative interpretation based on the color intensity of the test strip

High sensitivity: 200 mU/L of Alkaline Phosphatase

Long shelf life: 12 months after the production date

FosfaMilk Test: the new colorimetric kit

Schematic test protocol:

Liquid milk or whey, from every species and every treatment:

Use the sample as it is, without any pre-treatment.

Cream:

Keep the sample in the refrigerator until it reaches about 4°C, then centrifuge it in a tube to let the fat separate from the aqueous phase below. At the end of the centrifugation, open the tube and remove the fat by means of a clean stick or small spoon. Then use the aqueous phase like a liquid milk sample (*see above*).

Butter:

Put about 10 grams of butter in a tube and melt it at 40°/45°C. Then centrifuge it to separate the fat from the aqueous phase. At the end of the centrifugation, remove the fat then use the aqueous phase like a liquid milk sample (*see above*).

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Schematic test protocol (2)

1. Put at least 1 mL of sample in a test tube.
2. Take out a test strip from the tube by handling the strip from its higher edge and without touching its reactive zone.
3. Put the lower edge of the strip in the sample for **1 second** in such a way that the reactive zone is completely submerged in the liquid.
4. Take the strip out of the sample and get rid of the liquid in excess.
5. Put the edge of the test strip with the reactive zone into one of the plastic bag of the kit.
6. Put the bag with the strip in a preheated incubator or waterbath for **1 hour at 37°C**. If a waterbath is used, avoid wetting the plastic bags or the test strips.
7. At the end of the incubation time, take the test strip out of the plastic bag and compare the color of its reactive zone **within 5 minutes** to interpret the result.

FosfaMilk Test: the new colorimetric kit

Easy interpretation of results:

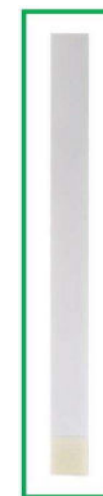
It is very easy to interpret the results of FosfaMilk Test.

Within 5 minutes from the end of the incubation time, observe the color of the reactive zone of the test strip and compare it with the chromatic scale here below.

- **Absence of yellow color**: the test is **NEGATIVE** and the Alkaline Phosphatase of the sample has a **lower activity than 200 mU/L**.

- **Faint yellow color**: the test is **DOUBTFUL** and the Alkaline Phosphatase of the sample has an **activity between 200 and 350 mU/L**.

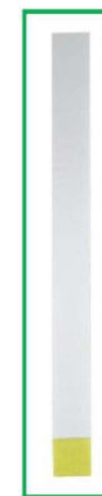
- **Intense yellow color**: the test is **POSITIVE** and the Alkaline Phosphatase of the sample has a **higher activity than 350 mU/L**.



NEGATIVE



DOUBTFUL



POSITIVE