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**By Weijden**

*The following article was written by **Weijden**, a Year 12 student who has chosen biotechnology as her field of study. This article is part of the work students do during the techclass in English on Monday afternoons.*

## 1. What is the goal of the experiment?

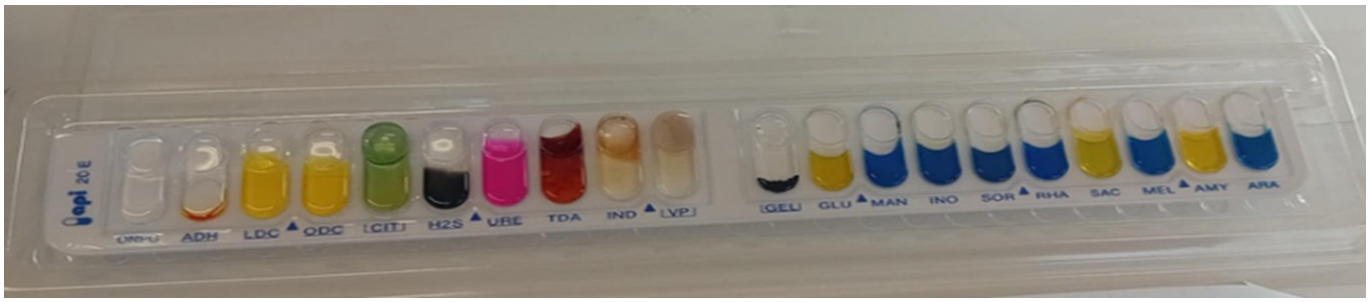
Galerie API 20 E présentant différents tests biochimiques colorés utilisés pour identifier une souche bactérienne en biotechnologie.

## 2. The description of the experiment.

First, we make a tube of suspension which includes a small amount of water and a piece of colony that we remove from a nutrient agar plate.

Then, we fill each small box of the Galerie API 20 E with small amounts of the suspension to know if the bacterium reacts to the substrates.

Finally, we incubate at 98, 6°F for 24 hours.

## 3. The result of the experiment.

To read the results, we observe which substrates the bacterium reacts to in the small boxes; we look at the different colours, which allow us to know what the bacterial gender and species are, as shown in the picture below.