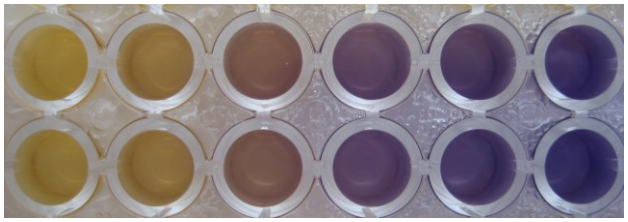
The Brilliant Black Reduction Test (BRT)

Test Performance

- Cut off the number of strips or take the number of plates / tubes you need.
- Remove sealing foil from strips / plate or closure from tube.
- Pipette 0.1 ml of each sample in different cavities or tubes, double check is useful.
- Use for every sample another pipette tip to avoid contamination.
- Put 0.1 ml of the negative control (Inhibitor Free Milk) in a cavity or tube.
- Put 0.1 ml of the positive control (Penicillin G Standard) in another cavity or tube.
- Put the perforated sealing foil over the plate or close tube. Single 48 tubes will be incubated unsealed.
- Incubate the plate / strips / tubes in a water bath or thermo-block at 65 °C until the cavity / tube with the negative control has turned completely into yellow (BRT Inhibitor Test, 2 hrs 15 +/- 15 min; BRT MRL-Screening Test, 2 hrs 30 +/- 15 min, BRT hi-sense 3 hrs 30 +/- 30 min).
- To make the interpretation of the results easier it is possible to wash the plate / strips with water carefully.

Interpretation

To interpret the results of the incubated strips or plates in a correct way, it is necessary to have a positive and negative control on every plate and these controls have reacted correct. Interpretation of the results occurs on the bottom of the plate /strips.



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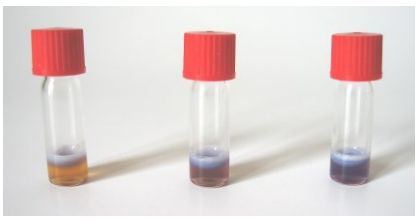

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\- negative control / negative sample
\+ dubious sample
\+\+\+ positive control / positive sample

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