

Instruction on the dissolution of bottled ready-to-use media

Microwawe dissolution:

- Loosen the cap carefully until the cap ring is first separated from the cap. During dissolving leave the cap on as loose as possible to ensure enough air in the bottles.
- Set your microwave to the defrost. It is very important as if it runs at high watt power, half of the content might boil over while the bottom of the bottle is still cold. The low capacity of the microwave ensures slow boiling and blended dissolution.
- Applicable dissolution times:

1 bottle	8 minutes
2 bottles	13 minutes
4 bottles	20 minutes
- To ensure blended dissolution after the first minutes move the bottles all round by gentle rotation and repeat if necessary.
- Never blend the media by turning the bottle upside down as it will leak through the loosened cap.

Waterbath:

- Do **not** loosen the caps.
- Fix the weight to the bottom of the bottles that prevents bottles from floating in the water.
- Put the bottles in the boiling waterbath.
- Applicable dissolution time: **30-45 minutes** depending on the intensity of the waterbath.

Autoclaving:

- Do **not** loosen the caps.
- Set the autoclave to 105 °C for the proper closing of the autoclave steam valves.
- Applicable heat treatment time: 10 minutes.

Warning! Do not use autoclaving for heat sensitive media (sterilization is under 121 °C – 15 minutes)!

Maintaining T°:

We suggest to maintain the flask into waterbath with a temperature between 55 and 58 ° C.

HOLDERS for waterbath

