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Warnings

Reagents contain sodium azide. Under acidic conditions sodium azide yields hydrazoic acid, which is extremely toxic. Azide compounds should be diluted with running water before discarding. These precautions are recommended to avoid deposits in plumbing where explosive conditions may develop.

1. Description

This product is for research use only.

Components 1× 1250 mL MACSQuant® Running Buffer Concentrate (16×)
or
6× 1250 mL MACSQuant Running Buffer Concentrate (16×)

Product format The MACSQuant Running Buffer Concentrate (16×) contains PBS, EDTA, stabilizer and 0.09% sodium azide. The solution is sterile-filtered.

Storage Store protected from light at room temperature (19–25 °C). Do not freeze. The expiration date is indicated on the bottle label. Once opened the MACSQuant Running Buffer Concentrate (16×) is stable for 14 days at room temperature. Diluted 1× MACSQuant Running Buffer is stable for at least 24 h.

1.1 Background information

The MACSQuant Running Buffer Concentrate (16×) is a 16× concentrated, pre-filtered, pH-balanced saline solution that has been developed for the optimal processing and acquisition of cells when used with MACSQuant Flow Cytometers. Each bottle provides sufficient concentrate to prepare 20 L of 1× MACSQuant Running Buffer.

2. Reagent preparation

▲ The MACSQuant Running Buffer Concentrate (16×) must be diluted to 1× prior to use.

▲ Volumes given below are for the preparation of 20 L of 1× MACSQuant Running Buffer optimized for the use in combination with the MACSQuant Buffer Supply Station (# 130-101-841). When working with fewer volumes, scale down all volumes accordingly.

1. Add 1.25 L of the MACSQuant Running Buffer (16×) to an empty 20 L container.
2. Add 3.75 L of double-distilled water (pH 6.5–6.7), e.g., MilliQ® water.
3. Add 3×5 L of double-distilled water (pH 6.5–6.7). Buffer is now ready for use.

Refer to www.miltenyibiotec.com for all data sheets and protocols. Miltenyi Biotec provides technical support worldwide. Visit www.miltenyibiotec.com for local Miltenyi Biotec Technical Support contact information.

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