

Sodium bicarbonate (NaHCO₃)

The addition of sodium bicarbonate (NaHCO₃) causes a high buffer capacity in the cell culture medium and keeps the pH-value in the physiological area during cultivation. For cells that grow rapidly, only media with a high bicarbonate content are apt or a corresponding addition of sodium bicar-

bonate to bicarbonate-free media is necessary, if the cell culture is performed in a CO₂ incubator. The required CO₂ concentration is related to the desired pH-value and the NaHCO₃ concentration of the medium (see nomogram on page 28).

Product	Cat. No.	Unit
NaHCO₃ solution (7.5 %) Storage temperature: RT (room temperature)	L 1713	100 ml
NaHCO₃ powder Storage temperature: RT	L 1703	100 g

SERA

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