

## M9 CA Medium

**Catalog #:** 340-017-101 500mL

**Store at:** 2°C to 8°C

**Shipped at:** ambient temperature

### Description

Quality Biological's (QBI) M9 CA Medium is prepared from reagent grade calcium chloride ( $\text{CaCl}_2$ ), monobasic potassium phosphate ( $\text{KH}_2\text{PO}_4$ ), magnesium sulfate ( $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$ ), sodium chloride ( $\text{NaCl}$ ), dibasic sodium phosphate ( $\text{Na}_2\text{HPO}_4$ ), ammonium chloride ( $\text{NH}_4\text{Cl}$ ), Casamino acids, and D-glucose using QBI's Cell Culture Grade Water and adjusted to a pH of  $7.3 \pm 0.1$ . The final product is sterile filtered through a  $0.1 \mu\text{m}$  filter membrane.

Note: Casamino acids are acid hydrolyzed casein.

### Applications

- Propagation of *E. coli* strains

### Quality Control

#### General

All Quality Biological products for Molecular Biology are prepared according to standard published protocols.<sup>1,2</sup>

All products are subjected to a variety of quality control procedures, including pH and osmolality determinations in order to validate the product is within its specifications.

*The test results of individual lots of M9 CA Medium are available on the Quality Biological website.*

### References

1. NIH Media Unit, Bethesda, Maryland
2. Sambrook, J., Fritsch, E.F. & Maniatis, T. (1989) *Molecular Cloning, A Laboratory Manual*, 2<sup>nd</sup> Ed. Cold Spring Harbor Laboratory Press.
3. Ausubel, F.M. et al., eds. (1993) *Current Protocols in Molecular Biology*. Greene Publishing Associates, Inc. in association with John Wiley & Sons, Inc.

### Related Products

#### Cell Culture Grade Water, Ultra Pure

Catalog #	118-162-101	500mL
	118-162-101CS	10 x 500mL
	118-162-131	1000mL
	118-162-131CS	10 x 1000mL
	118-162-151	10 Liters
	118-162-161	20 Liters

**All products sold by Quality Biological, Inc. are intended for research use only. This product has not been approved for diagnostic or IVD use.**