Commonly used media for *Escherichia coli*

M9 Medium (Sambrook and Russell, 2000)	5 x salt solution (pH of 7.0): 33.9 g Na_2HPO_4 15 g KH_2PO_4, 5 g NH_4Cl 2.5 g NaCl 200 ml 5 x salt solution (as specified above) 2 ml 1M $MgSO_4$ 100 µl of 1 M $CaCl_2$ 1 % glucose or 0.4 % acetate Add 1000 ml dH_2O
Lysogeny Broth (Bertani, 1951)	10 g tryptone 5 g yeast extract 5 g NaCl 10 g Agar for solid medium Add 1000 ml dH_2O
Autoinduction Medium (AIM, Studier, 2005)	10 g tryptone 5 g yeast extract 3.3 g $(NH_4)_2SO_4$ 6.8 g KH_2PO_4 7.1 g Na_2HPO_4 0.5 g Glucose 2.0 g α-Lactose 0.15 g/L $MgSO_4$ Add 1000 ml dH_2O

References

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Studier, F.W. (2005) Protein production by auto-induction in high density shaking cultures. *Protein Expr Purif* **41**: 207–34.