

Table 1 The maximum optical density and doubling time (DT) of *E. coli* BL21 (DE3) aerobic batch cultures in different minimal media supplemented with 0.4% glycerol

Medium	DT (min)	Max OD _{600nm}
M9	102±9	1.2±0.19
N ⁻ C ^{-a}	78±6	1.6±0.14
LR ^a	66±3	3.1±0.14
M9 + Fe ²⁺	71±1	2.9±0.13
M9 + PO ₄ ³⁻	71±2	2.2±0.08

N⁻ C⁻ minimal medium contained 10 mM of NH₄Cl. FeSO₄·7H₂O (0.01 mM) and KH₂PO₄ (107 mM) were added to M9 minimal medium to supplement it with iron and additional phosphate, respectively. Values are shown as arithmetic mean±standard error of the mean (n=3).

^aOnly two replicates were used.