

## 1147. RV5 MEDIUM

EDTA	10.00	mg
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	200.00	mg
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	75.00	mg
NaCl	15.00	g
NH <sub>4</sub> Cl	0.52	g
DL-malic acid	4.00	g
K <sub>2</sub> HPO <sub>4</sub>	1.00	g
BICINE buffer (Sigma)	10	mM
Trace elements (see below)	1.00	ml
Distilled water	1000.00	ml

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Filter-sterilize and add after autoclaving:

Thiamine	1.00	mg
Vitamin B <sub>12</sub>	20	µg
Biotin	30	µg

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The pH of the medium was adjusted to 9.5 by addition of NaOH and then sterilized by autoclaving. Before inoculating medium RV5, 0.1% (w/v) NaHCO<sub>3</sub> was added to tubes, bottles, or molten media from a 5% (w/v) filter-sterilized stock solution. For routine culture, medium RV5 supplemented with 0.05% (w/v) Difco yeast extract was used.

*Trace elements:*

EDTA	5.20	g
CoCl <sub>2</sub> x 6 H <sub>2</sub> O	190.00	mg
MnCl <sub>2</sub> x 4 H <sub>2</sub> O	0.10	g
FeCl <sub>2</sub> x 4 H <sub>2</sub> O	1.50	g
H <sub>3</sub> BO <sub>3</sub>	6.00	mg
CuCl <sub>2</sub> x 2 H <sub>2</sub> O	17.00	mg
Na <sub>2</sub> MoO <sub>4</sub> x 2 H <sub>2</sub> O	188.00	mg
NiCl <sub>2</sub> x 6 H <sub>2</sub> O	25.00	mg
ZnCl <sub>2</sub>	70.00	mg
VoSO <sub>4</sub> x 2 H <sub>2</sub> O	30.00	mg
Na <sub>2</sub> WO <sub>4</sub> x 2 H <sub>2</sub> O	2.00	mg
NaHSeO <sub>3</sub>	2.00	mg
Deionized water	1000.00	ml