

788. CALORAMATOR PROTEOCLASTICUS MEDIUM

KH ₂ PO ₄	0.41	g
Na ₂ HPO ₄ x 2 H ₂ O	0.52	g
NH ₄ Cl	2.40	g
MgCl ₂ x 6 H ₂ O	0.40	g
Yeast extract	0.20	g
Trace element solution SL-10 (see medium 320)	1.00	ml
Selenite-tungstate solution (see medium 385)	1.00	ml
Na-resazurin solution (0.1% w/v)	0.50	ml
CaCl ₂ x 2 H ₂ O	0.20	g
NaHCO ₃	4.00	g
D-Glucose	5.00	g
Vitamin solution (see medium 503)	1.00	ml
Na ₂ S x 9 H ₂ O	0.30	g
Distilled water	1000.00	ml

Dissolve ingredients except calcium chloride, bicarbonate, glucose, vitamins and sulfide. Sparge medium with 80% N₂ and 20% CO₂ gas mixture for 30 – 45 min to make it anoxic. Dispense medium under the same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Add calcium chloride, glucose, vitamins and sulfide from sterile anoxic stock solutions prepared under 100% N₂ gas and bicarbonate from a sterile anoxic stock solution prepared under 80% N₂ and 20% CO₂ gas mixture. Vitamins should be sterilized by filtration. Prior to use adjust pH of complete medium to 7.2 – 7.4, if necessary.

For [DSM 12679](#) omit yeast extract and supplement medium with 2.40 g/l NaCl.