846. ANAEROBIC SERINE/ARGININE MEDIUM

NH_4Cl	0.30	g
K_2HPO_4	0.20	g
KH_2PO_4	0.30	g
$MgCl_2$ x 6 H_2O	0.40	g
$CaCl_2$ x 2 H_2O	0.15	g
KCl	0.50	g
NaCl	1.00	g
Trace element solution SL-10 (see medium 320)	1.00	ml
Selenite/tungstate solution (see medium 385)	1.00	ml
Yeast extract	2.00	g
Serine (for DSM 12261 and DSM 12262)	1.05	g
or		
Arginine x HCl (for DSM 12260)	1.74	g
Resazurin	0.50	mg
Distilled water	1000.00	ml

Prepare medium anaerobically under 80% N_2 + 20% CO_2 gas mixture. After autoclaving add per tube (containing 5 ml medium) from anaerobic stock solutions:

Na_2S x 9 H_2O, 3% w/v	0.10	ml
NaHCO3, 10% w/v	0.25	ml
Vitamin solution (see medium 141)	0.05	ml

Final pH of the completed medium is 7.2.