

403. BSK-MEDIUM

Solution A:

CMRL 1066/10 x Glutamin (GIBCO 042-1545)	100.0	ml
Proteose peptone No 2 (DIFCO 0121-01-3)	5.0	g
Proteose tryptone (DIFCO 0123-01)	1.0	g
Proteose yeastolate (TC) (DIFCO 5577-15)	1.0	g
HEPES buffer (acid) (SIGMA H3375)	6.0	g
Na-citrate	0.7	g
Glucose (α -, D+)	3.0	g
Na-pyruvate	0.8	g
N-Acetylglucosamine	0.4	g
MgCl ₂ x 6 H ₂ O	0.3	g
L-Glutamine	0.1	g
Aqua bidest. filter-sterilized	900.0	ml

Stir slowly at 4 - 10°C for 3 hours, adjust pH to 7.6 with 5 M NaOH. Filter sterilize.

Solution B:

Dissolve 14.0 g gelatine in 200 ml bidest. water, autoclave 15 minutes at 115°C.

Solution C:

Dissolve 50.05 g bovine serum albumine, fract. V (important: Sigma No A9647) in 143 ml bidest. water, or use BSA-solution Sigma A7409.

Solution D:

Rabbit serum, inactivated (GIBCO 037-06120M)	86.0	ml
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Combine the warm (37°C) solutions A, B, C, D, and filter-sterilize the warm medium. Solution B can also be added after filtration.

Alternatively, buy supplemented or un-supplemented BSK-H medium (Fa. Bio&SELL or Sigma) and supplement the medium according to manufacturer's advice. Sterilize the mixed and warm (37°C) medium by filtration.