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

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.