

ATCC Medium 111: *Rhizobium* X Medium

Agar/Broth Medium

Yeast Extract.....	1.0 g
Mannitol.....	10.0 g
Agar (if required).....	15.0 g
Soil Extract (see below).....	200.0 ml
Distilled water.....	800.0 ml

Adjust pH to **7.2**. Autoclave at 121°C.

Soil Extract

African violet soil.....	77.0 g
Na ₂ CO ₃	0.2 g
DI Water.....	200.0 ml

Autoclave for one hour. Filter through paper to remove soil before using in media.

Final Product Description



- Medium should be translucent and tan in color.
- There may be a slight precipitate.
- Recommended storage temperature: 2-8°C.