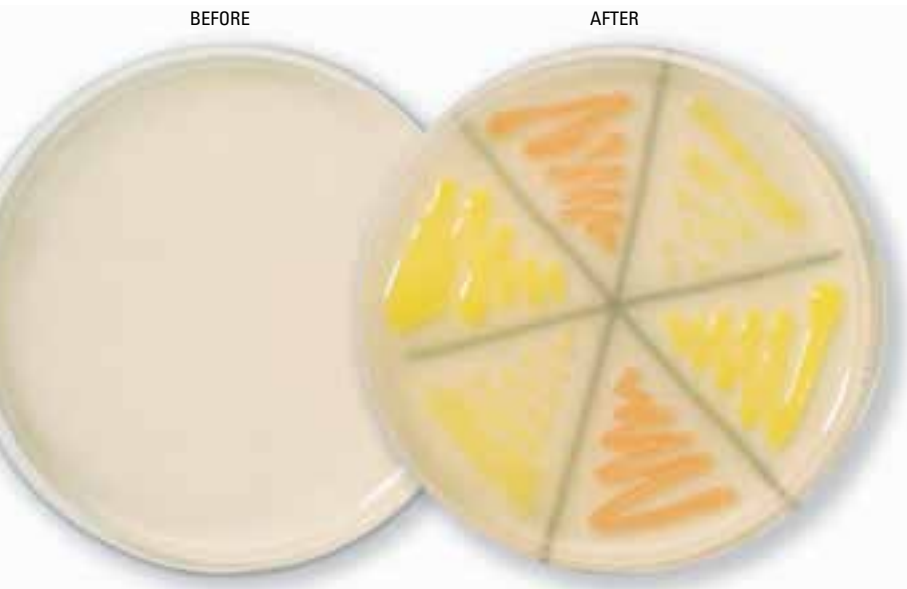


Y5136 YDC Medium

Medium: **General bacterial medium**

Purpose: **Subculturing bacteria such as xanthomonads and clavibacters**



YDC (Yeast extract-dextrose-CaCO₃) medium is a non-selective media. YDC is used amongst others for subculturing suspected xanthomonads (yellow) and clavibacters (orange) after dilution on semi-selective media (see photo).

COMPOSITION OF MEDIA Y5136: YDC MEDIUM

COMPOUND	GRAM/LITER
Yeast Extract	10.0
Calcium carbonate (CaCO ₃)	20.0
Agar	15.0
Glucose anhydrous	20.0

METHOD

- Dissolve 65.0 grams of ingredients in distilled water, adjust volume to 1000 ml and adjust pH to 6.9.
- Autoclave the solution (121 °C, 15 psi, 15 minutes).
- Allow medium to cool down to ca. 45 °C – 50 °C.
- Mix gently to avoid air bubbles and pour plates (15-20 ml per 9.0 cm plate).
- During pouring of medium mix the CaCO₃ thoroughly.

Reference:

Wilson, E.E. Zeitoun, F.M. Fredrickson, D.L. 1967. Bacterial phloem canker, a new disease of Persian walnut trees. *Phytopathology* 57:618-621.

Y5136 YDC MEDIUM

Y5136.1000

1 kg

For prepared and ready to use plates of this medium contact:
 Tritium Microbiologie Tel : 040-2051615
 Rooijakkersstraat 6 Fax : 040-2051395
 5652 BB Eindhoven Email : info@tritium-microbiologie.nl
 The Netherlands