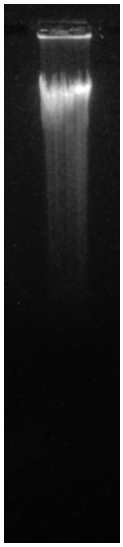
Chromosomal DNA from *Morganella morganii* subsp. *morganii* CCM680 (= ATCC 8019), MB grade

Shipment and storage condition:
Shipped as precipitated DNA in sodium acetate / ethanol solution. Stable in -20 °C.

Amount and purity:
The tube contains approximately 10 μg of precipitated bacterial DNA as determined by measurement of absorbance at 260 nm before precipitation. The purity was confirmed by calculation of A_{260} nm / A_{280} nm ratio (A_{260}/A_{280} = 1,69) and by agarose gel electrophoresis.

Handling:
Do not open the tube before completing step 1 (see below).
1. Centrifuge the tube at approx. 14000 g for 15 minutes.
2. Discard the supernatant.
3. Wash the pellet by 1 ml of 70 % ethanol by vortexing 3 x 20 seconds and subsequent centrifugation as in step 1.
4. Discard the supernatant.
5. Dry the pellet at room temperature under the sheet of filtration paper until it becomes clear and translucent.
6. Dissolve the pellet in an appropriate volume (e.g. 0,2 ml) of PCR grade sterile TE buffer (10 mM Tris-HCl, 1 mM EDTA, pH 8.0) or of other appropriate solution. Make aliquots in sterile tubes and store in less than -20 °C. Repeated freezing and thawing may influence the DNA integrity.



Agarose gel electrophoresis

0,8 % agarose, TAE buffer, 5 $V.cm^{-1}$, 4 μg of DNA from *M. morganii* CCM680