

ISO 20645

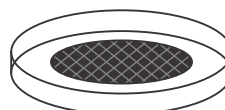
1 Test Fabric 25 mm Dia.



2 Nutrient Agar Plate with Basal Layer
Double Layer Medium Seed Layer
Containing Escherichia Coli and or
Staphylococcus Aureus.



3 Placing of Sample in the
Centre of Seeded Plate

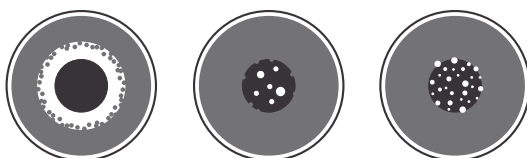


4 Incubation

37° for
24 hours



5 Result



Antibacterial Effect

Inhibition Zone (mm) Mean Value	Growth a)	Description	Assessment
> 1	None	Inhibition zone exceeding 1 mm, no growth b)	Good Effect
1 - 0	None	Inhibition zone up to 1 mm, no growth b)	
0	None	No inhibition zone, no growth c)	
0	Slight	No inhibition zone, only some restricted colonies, growth nearly totally suppressed	Limit of efficacy
0	Moderate	No inhibition zone, compare to control growth reduced to half e)	Insufficient effect
0	Heavy	No inhibition zone, compare to the control no growth reduction or only slightly reduced growth	

- a) The growth of bacteria in the nutrient medium under the specimen.
- b) The extent of the inhibition shall only partly be taken in to account.
A large inhibition zone may indicate certain reserves of active substances or weak fixation of a product on the substrate.
- c) the absence of growth, even without inhibition zone, may be regarded as a good effect.
- d) "As good as no growth" indicates limits of efficacy.
- e) Reduced density of bacterial growth means either the number of colonies or the colony diameter.