



PRODUCT SPECIFICATION SHEET

Ehrlich Reagent (AR020)

Use

Ehrlich's reagent is used to detect urobilinogen in urine.

Principle

Ehrlich's reagent is used to detect urobilinogen in urine. Urobilinogen is one of the bile pigments found in urine in case of liver defects, (epidemic icterus, cirrhosis) or as a result of excessive formation of bilirubin (haemolytic jaundice). The colourless urobilinogen reacts with Ehrlich's aldehyde reagent in an acidic medium to form pink-red condensing products. It should be noted that Ehrlich's reagent reacts with substances other than urobilinogen e.g phenazopyridium and forms red colour.

Formula

Ingredients	Gms / Liter
Hydrochloric acid, concentrated	800.00ml
p-dimethylamino benzaldehyde	20.00gm
Distilled water	200.00ml

Formula may be adjusted and/or supplemented as required to meet performance specifications

Storage And Stability

Store below 30°C in tightly closed container and away from bright light. Use before expiry date on label.

Procedure

To 10 ml of urine, add 1.0 ml Ehrlich's reagent, mix and let it stand for about 10 minutes. Observe colour by looking down into the tube held over a white surface.

Precautions

1. For Invitro Diagnostic use only
2. Product to be used only by adequately trained and qualified laboratory personnel.

QUALITY CONTROL

Appearance : Light yellow colored solution with characteristic odour.

Packaging

Product Name : **Ehrlich Reagent**
Product Code : **AR020**
Available Pack sizes : **500ml/100ml**





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References

Bauer J.D., Ackermann P.G. and Toro G.(Eds.),1974,Clinical Laboratory Methods,8th ed.,The C.V. Mosby Co. St. Louis

Further Information

For further information please contact your local MICROMASTER Representative.



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AR020PSS,QAD/FR/024,Rev.00

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