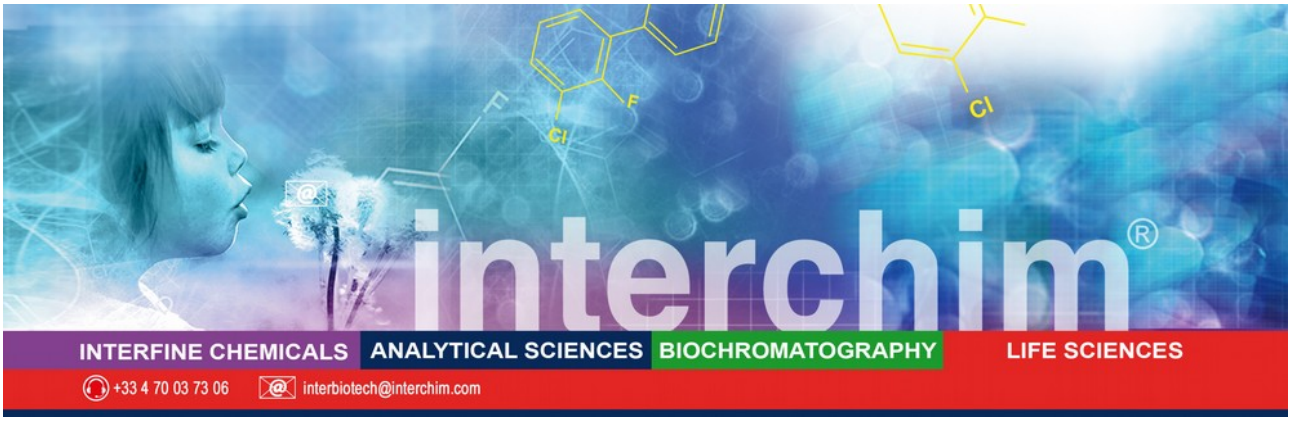
FT-A2WRT2



King B Agar Plate

For the identyfication of seudomonas based on production of fluorescein.

Product Description

Catalog #:	A2WRT2, 50 x 7 ml	
Name :	**King B Agar**	
Formula in g/L :	Proteose peptone	20,00
	Potassium sulphate (K2HPO4)	1,50
	Magnesium sulphate	1,50
	Agar	13,00
	Glycerol.	10,00 ml
Final pH at 25°C:	7,2 ± 0,2	
Storage :	Prepared tubes at 2 - 25°C shielded from light The expiration date is indicated on the label.	

For Research Use Only

Introduction

This medium is used for detecting and differentiating Pseudomonas aeruginosa from other Pseudomonas based on fluorescein (pyoverdin) production and inhibition of pyocyanin King B Agar contains proteose peptone as a rich nitrogen source for growth, vitamins, minerals and amino acids. The potassium sulphate and magnesium sulphate provides cations to activate fluorescein production and enhance pigment production. Glycerol is a carbon source. This medium promotes the production of fluorescein, a green – yellow fluorescent pigment that oxidizes to yellow. It is water soluble and, unlike pyocyanin (blue – green pigment), is not soluble in chloroform. The pigment diffuses throughout the medium and fluorescent yellow – green color is observed.

Technical and Scientific Information

Procedure

Inoculate the tubes by spreading the strains
Incubate at 37±1°C for 18 – 24 hours

Ordering information

Catalog size quantities and prices may be found at http://www.interchim.com.
Please inquire for higher quantities (availability, shipment conditions).
Please contact InterBioTech – Interchim for any other information
Hotline : +33(0)4 70 03 73 06 – Interbiotech@interchim.com

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