



King's B-Agar (KBA)

According to Drinking Water Regulations 2002 and DIN EN 12780

Shorthand symbol:	KBA
Item number:	60-1287
Format:	Tube, Slant Agar
Colour:	Clear to light opaque, light yellow
Storage conditions:	Dry, in closed bag, at 15-22°C
Shelf-life:	9 Months
pH:	7.2 ± 0.2 bei 25°C



Intended use and fields of application

For the detection and enumeration of fluorescent *Pseudomonas* bacteria in water, in particular by *Pseudomonas aeruginosa* (Drinking Water Regulations 2002 and DIN EN 12780).

Typical composition in g/l

in g per 1 Litre of Nutrient medium

Peptone	20
Magnesium Sulphate, anhydrous	0.73
Dipotassium Hydrogen Phosphate	1.5
Agar	14.7

Microbiological quality control

The Microbiological Performance Test is carried out in accordance with the requirements of DIN EN ISO 11133.

Productivity

Incubation conditions: 44±4 Hours at 36±1°C; Inoculum concentration: 100 CFU; with loosely-fitted cap

Organism	Type Strain	Specification	Colony morphology
Pseudomonas aeruginosa	ATCC 9027/WDCM 00026	Good growth	Colour: Greenish-yellow; Fluorescence (at 365nm): Greenish-yellow

Specificity

Incubation Conditions: 44±4 Hours at 36±1°C; Inoculum Concentration: 1,000–10,000 CFU; with loosely-fitted cap

Organism	Type Strain	Specification	Colony morphology
Escherichia coli	ATCC 8739/WDCM 00012	Good growth	Colour: Colourless; Fluorescence (at 365nm): None

Microbial Contamination

Incubation Conditions: 5–7 Day at 20–25°C and 5–7 Days at 30–35°C

Specification

No microbial contamination