



## YOUR PARTNER in research

All Vivantis BIOCHEMICALS are of MOLECULAR GRADE

Vivantis Technologies provides a comprehensive range of premium biochemicals to aid scientists around the world in molecular biology research. After a decade of supplying the research community with quality products, we remain committed to support our valued customers in all aspects, from top notch product quality to warm and efficient customer service.

### Vivantis LE Grade Agarose

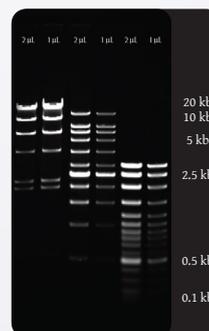
#### Properties

- Gelling temp :  $36^{\circ} \pm 1.5^{\circ}\text{C}$
- Melting temp :  $\geq 90^{\circ}\text{C}$
- Moisture content : 10%
- Sulfate : 0.15%
- EEO, (-mr) : 0.09 - 0.13
- Gel strength :  $1200\text{g}/\text{cm}^2$
- RNase/DNase Activity : None detected



#### Description

Vivantis LE grade agarose is ideal for routine analysis of nucleic acids by gel electrophoresis and blotting. Each gel sharply resolves DNA and provides consistent resolution from lot-to-lot. This molecular biology grade agarose has no detectable DNase or RNase activity and forms strong gels with low background upon ethidium bromide, SYBR® Green, or GelStar® staining. Due to its low EEO, DNA will have a high electrophoretic mobility. LE grade is also recommended for protein gel electrophoresis in applications such as Ouchterlony and radial immunodiffusion (RID).



**Lane 1,2** : Lambda / Hind III DNA Marker (#NM2405)  
**Lane 3,4** : VC 1kb DNA Ladder (#NL1409)  
**Lane 5,6** : VC 100bp Plus DNA Ladder (#NL1405)



## Ordering Information

## Biochemicals for Genomic Research

Catalog No	Description	Packing Size
PC0701-100g PC0701-500g PC0701-1kg	Agarose (Molecular Biology Grade)	100g 500g 1kg
PC0703-25g PC0703-100g	Bromophenol Blue	25g 100g
PC0704-25mg PC0704-50mg PC0704-100mg PC0704-1g	Deoxyribonuclease I (DNase I)	25mg 50mg 100mg 1g
PC0705-5g PC0705-25g PC0705-100g	DL-Dithiothreitol (DTT)	5g 25g 100g
PC0706-500g PC0706-1kg	EDTA, Disodium Salt, Dihydrate, (Ethylenediaminetetraacetic Acid)	500g 1kg
PC0708-1g PC0708-5g PC0708-10g	IPTG (Isopropyl-beta-D-thiogalactopyranoside)	1g 5g 10g
PC0710-1g PC0710-5g PC0710-10g	Lysozyme, Egg White	1g 5g 10g
PC0711-2pk	Phosphate Buffered Saline (PBS), Ready to Use	2 Packs
PC0712-100mg PC0712-1g PC0712-1ml	Proteinase K	100mg 1g 1ml
PC0713-250mg PC0713-500mg PC0713-1g PC0713-1ml	Ribonuclease A (RNase A), High Purity Grade	250mg 500mg 1g 1ml
PC0716-100mg PC0716-500mg PC0716-1g	X-Gal (5-Bromo-4-Chloro-3-Indolyl-beta-D-galactopyranoside)	100mg 500mg 1g
PC0718-20g	Xylene Cyanol FF	20g
PC0719-50KU PC0719-100KU	Deoxyribonuclease I (DNase I) - for RNA work	50KU 100KU
PC0902-500g	Ammonium Sulfate	500g

Catalog No	Description	Packing Size
PC0903-25g	Bovine Serum Albumin (BSA)	25g
PC0904-500g	Calcium Chloride	500g
PC0905-25ml PC0905-100ml	Diethylpyrocarbonate (DEPC)	25ml 100ml
PC0906-500ml	Dimethylsulfoxide (DMSO)	500ml
PC0907-500ml	Formamide	500ml
PC0908-500ml PC0908-1L	Glycerol	500ml 1L
PC0909-500g	Potassium Acetate	500g
PC0910-500g	Potassium Chloride	500g
PC0911-500g	Potassium Phosphate, Dibasic, Anhydrous	500g
PC0912-500g	Potassium Phosphate, Monobasic, Anhydrous	500g
PC0913-500g	Sodium Acetate, Anhydrous	500g
PC0914-500g PC0914-1kg	Sodium Chloride	500g 1kg
PC0916-500g	Sodium Phosphate, Dibasic, Anhydrous	500g
PC0917-500g	Sodium Phosphate, Monobasic, Anhydrous	500g
PC0918-500g PC0918-1kg	Sucrose	500g 1kg
PC0919-500ml PC0919-1L	Tween 20	500ml 1L
PC0920-100g	Ficoll 400	100g
PC0921-1kg	PEG8000	1kg
PC0923-1L	Triton X-100	1L
PC0924-1L	Tween 80	1L
PC0925-5g	3-[(3-cholamidopropyl)dimethyl-ammonio]-1-propanesulfonate, CHAPS	5g
PC0927-100g	2-(N-Morpholino) Ethanesulfonic Acid, MES	100g
PC0928-100g	3-(N-morpholino)propane-sulfonic Acid, MOPS	100g

## Biochemicals for Proteomic Research

Catalog No	Description	Packing Size
PR0603-500g PR0603-1kg	Acrylamide	500g 1kg
PR0604-40g PR0604-200g	Acryl/Bis (37.5:1) Premixed Powder	40g 200g
PR0605-25g PR0605-100g	Ammonium Persulfate (APS)	25g 100g
PR0606-50g PR0606-250g	Bis-Acrylamide	50g 250g
PR0607-500g PR0607-1kg	Boric Acid	500g 1kg
PR0608-1kg	Glycine	1kg
PR0611-100g PR0611-250g PR0611-500g PR0611-1kg	Sodium Dodecyl Sulfate (SDS)	100g 250g 500g 1kg

Catalog No	Description	Packing Size
PR0612-500g PR0612-1kg	Tris	500g 1kg
PR0614-500g PR0614-1kg	Tris Hydrochloride (Tris-HCl)	500g 1kg
PR0615-500g PR0615-1kg	Urea	500g 1kg
PR0616-25ml PR0616-50ml PR0616-100ml	N,N,N',N'-Tetramethylethylene-Diamine (TEMED)	25ml 50ml 100ml
PR0617-1L	Blue Lightning Stain II (Ready to Use R-250 Coomassie Blue)	1L
PR0623	Whole Blue Range Prestained Protein Ladder	2 x 250µl
PR0624	Tricolor Broad Range Prestained Protein Ladder	2 x 250µl