



Designed for Consistency.
Trusted for Reliability.



Reliable Media for Consistent Results



Medium Name	Product Code	Glucose	L-Glutamine	Phenol Red	HEPES	Sodium Pyruvate	Sodium Hydrogen Carbonate	Pyridoxine Hydrochloride	Pyridoxal Hydrochloride	Ribonucleoside	Deoxyribonucleoside	Non-Essential Amino Acids
DMEM	CUL-5000	4.5g/L	✓	✓		✓	✓	✓				
	CUL-5001	4.5g/L		✓		✓	✓	✓				
	CUL-5002	4.5g/L	✓	✓	25mM		✓	✓				
	CUL-5003	4.5g/L		✓	25mM		✓	✓				
	CUL-5004	4.5g/L		✓			✓	✓				
	CUL-5005	4.5g/L					✓	✓				
	CUL-5006	4.5g/L	✓	✓			✓	✓				
	CUL-5007	1.0g/L	✓	✓			✓	✓				
	CUL-5008	1.0g/L				✓	✓	✓				
	CUL-5009	NA	✓	✓			✓	✓				
DMEM/ Ham's F-12	CUL-5010	4.5g/L	✓	✓			✓	✓				✓
	CUL-5100	3.15g/L	✓		15mM	✓	✓	✓				✓
	CUL-5101	3.15g/L	✓	✓		✓	✓	✓				✓
	CUL-5102	3.15g/L	✓	✓	15mM	✓	✓	✓				✓
	CUL-5103	3.15g/L		✓	15mM	✓	✓	✓				✓
RPMI 1640	CUL-5104	3.15g/L	✓			✓	✓	✓				✓
	CUL-5105	NA	✓	✓			✓	✓				
	CUL-5300	2.0g/L	✓	✓			✓	✓				
	CUL-5301	2.0g/L	✓	✓	25mM		✓	✓				
	CUL-5302	2.0g/L		✓			✓	✓				
alpha-MEM	CUL-5303	2.0g/L	✓				✓	✓				
	CUL-5304	4.5g/L	✓	✓	✓	✓	✓					
	CUL-5305	NA	✓	✓			✓	✓				
	CUL-5200	1.0g/L	✓	✓			✓		✓			✓
	CUL-5201	1.0g/L	✓	✓		✓	✓		✓			✓

A Partnership Powering Reliable Cell Culture & Nucleic Acid Solutions

1st BASE powered by Nacalai offers a focused range of high-quality reagents designed to support essential laboratory workflows. Developed in collaboration with Nacalai Tesque, the portfolio includes commonly used cell culture media such as DMEM, RPMI-1640, Ham’s F-12, and α-MEM, along with nuclease-controlled reagents suitable for applications involving RNA, DNA, and other nucleic acid–sensitive workflows.

Manufactured to meet the quality standards associated with Nacalai Tesque, 1st BASE powered by Nacalai products provide researchers with reliable performance for routine cell culture and molecular biology applications.

Cell Culture Media



1st BASE powered by Nacalai Tesque offers a focused range of widely used **cell culture media**, available in **500mL and 1L** formats, formulated to support diverse mammalian cell types with consistent performance. Manufactured under **strict quality standards**, these media ensure **reproducible results, sterility, and reliable composition**, giving researchers confidence in their everyday workflows.

Animal Origin-Free

Endotoxin Tested

pH 7.1-7.5

Sterility Tested for Bacteria, Fungus and Mycoplasma



Surface Decontamination Reagent RNase Quiet

Keep your experiments safe with RNase Quiet, the ready-to-use solution that eliminates RNase, DNase, DNA, and RNA contamination in seconds. From glassware to plastic tools and lab benches, it ensures your workspace stays nuclease-free for accurate, reproducible results.

Product Name	Storage	Product No.	PKG Size
RNase Quiet (with spray nozzle)	Room Temp.	BIO-6010-475ml	475ml

Effective Removal of Nucleases and Nucleic Acids

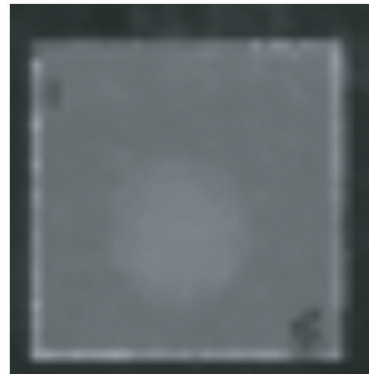
No detergent needed - quick and hassle-free

Simple spray-and-wipe application

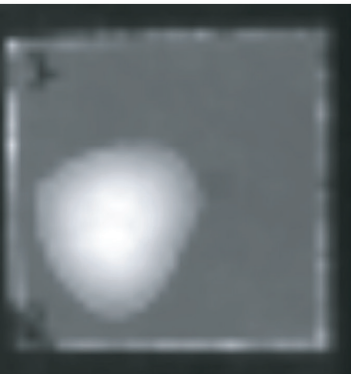
Safe to use: non-carcinogenic, DEPC-free

Application 1: Decontamination of Cover Glass

DEPC-treated water



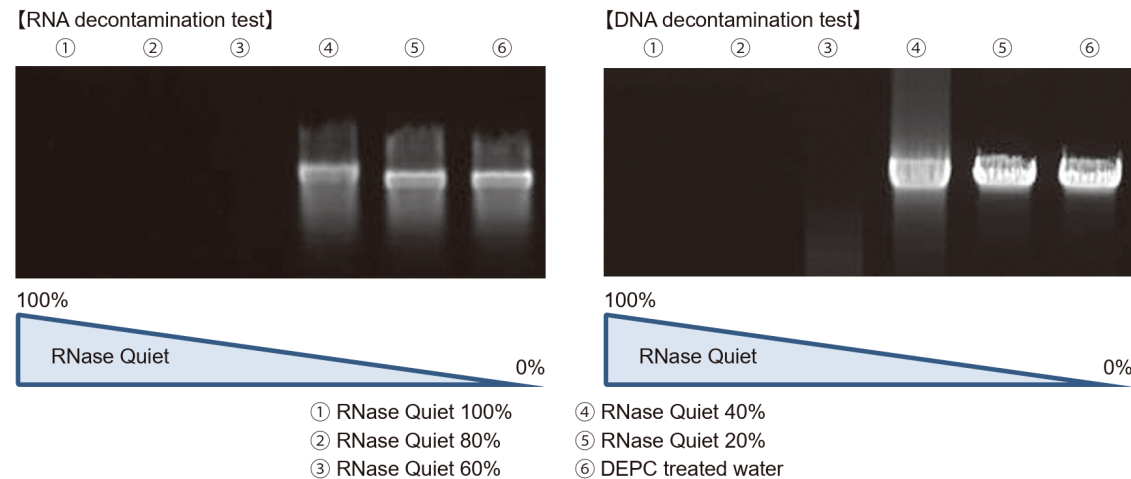
RNase Quiet



Condition

- Apply 100 μ l RNase A solution (1 mg/ml) to cover glasses and dry them.
- Spray with DEPC-treated water or RNase Quiet and wait for 1 minute. Wipe thoroughly with a clean paper towel, then rinse with RNase-free sterile water.
- Apply 50 μ l RNA solution (40 μ g/ml) on the cover glasses and incubate them at 37°C for 30 minutes.
- Apply 1 μ l ethidium bromide solution (20 μ g/ml) to the cover glasses with a pipette.
- Observe with UV.

Application 2: Decontamination Efficiency



- Add 2.5 μ l of RNA solution (0.4 mg/ml) or 2.5 μ l of DNA solution (0.4 mg/ml) to 1.5 ml micro tubes.
- Add each concentration of RNase Quiet solution as mentioned above and 20 μ l of DEPC treated water into a tube, and then incubate them for 5 minutes.
- Analyze them with agarose gel electrophoresis with ethidium bromide.