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Amino Acid Table

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1

Works for me

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ABSTRACT

Amino acid and DNA Bases table

THIS PROTOCOL ACCOMPANIES THE FOLLOWING PUBLICATION

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DNA Bases

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ABSTRACT

Amino acid and DNA Bases table

Amino Acids and DNA Bases

1

Amino Acid	Stock %	Solvent	STER.	Storage	Final [] (µg/ml)	µl per 100 mls*
Alanine	0.5% (5 mg/ml)	water	A	RT/4°C	40	800
Arginine HCl	1% (10 mg/ml)	water	A	RT/4°C	20	200
Asparagine	0.5% (5 mg/ml)	water	A	RT/4°C	40	800
Aspartic Acid	1% (10 mg/ml)	0.2 N NaOH	F	RT	100	1000
Cysteine	0.5% (5 mg/ml)	water	F	RT/4°C	40	800
Glutamine	2% (20 mg/ml)	water	A	RT/4°C	40	200
Glutamic Acid	1% (10 mg/ml)	0.2 N NaOH	F	RT	100	1000
Glycine	2% (20 mg/ml)	water	A	4°C	40	200
Histidine HCl	1% (10 mg/ml)	water	A	RT/4°C	20	200
Isoleucine	1% (10 mg/ml)	water	A	4°C	30	300
Leucine	1% (10 mg/ml)	water	A	RT	30	300
Lysine HCl	1% (10 mg/ml)	water	A	RT/4°C	30	300
Methionine	1% (10 mg/ml)	water	A	RT/4°C	20	200
Phenylalanine	1% (10 mg/ml)	water	A	RT	50	500
Proline	2% (20 mg/ml)	water	A	RT/4°C	40	200
Serine	8% (80 mg/ml)	water	A	RT/4°C	400	500
Threonine	4% (40 mg/ml)	water	A	RT	200	500
Tryptophan	1% (10 mg/ml)	0.1 N HCl	F	4°C (lt. sens)	20	200
Tyrosine	0.2% (2 mg/ml)	0.2 N NaOH	F	RT (lt. sens)	30	1500
Valine	3% (3 mg/ml)	water	A	RT/4°C	150	500

* volume (in µl) of stock solution to add to 100 mls of medium to yield indicated final concentration

A = Autoclave, F = Filter sterilize, RT = Room temperature

DNA Bases	Stock %	Solvent	STER.	Storage	FINAL [] (µg/ml)	µl per 100 mls*
Adenine Sulfate	0.2% (2 mg/ml)	0.1 N HCl	F	RT	20	Stp
Cytosine	0.5% (5 mg/ml)	water	A	4°C	40	800
Guanine	0.5% (5 mg/ml)	0.1 N HCl	F	4°C	40	800
Thymus	0.1% (1 mg/ml)	water	A	4°C	40	4000
Uracil	0.2% (2 mg/ml)	water	A	RT	20	1000
Uridine	1% (10 mg/ml)	water	F	RT	30	300

* volume (in µl) of stock solution to add to 100 mls of medium to yield indicated final concentration

A = Autoclave, F = Filter sterilize, RT = Room temperature