

# MASS SPECTROMETRY

## MALDI Matrices

Analyte	Recommended Matrix	Acronym	Product Code	Size
<b>Peptide/Protein</b>				
Mass < 10kDa	$\alpha$ -Cyano-4-hydroxycinnamic acid	CHCA	<a href="#">C 8982</a>	10 x 10 mg
Mass > 10 kDa	Sinapic acid	SA	<a href="#">S 8313</a>	10 x 10 mg
	2-(4-Hydroxyphenylazo)benzoic acid	HABA	<a href="#">54793</a>	1 g, 5 g
IR-Laser	Succinic acid		<a href="#">14078</a>	1 g, 5 g
UV-Laser	2,6-Dihydroxyacetophenone		<a href="#">37468</a>	1 g, 5 g
UV-Laser	Ferulic acid		<a href="#">46278</a>	1 g, 5 g
UV-Laser	Caffeic acid		<a href="#">60018</a>	1 g, 5 g
Liquid matrix	Glycerol		<a href="#">49771</a>	1 ml, 5 ml
Liquid Matrix	4-Nitroaniline		<a href="#">72681</a>	250 mg, 1 g
<b>Oligonucleotide</b>				
Mass < 3.5 kDa	2,4,6-Trihydroxyacetophenone	THAP	<a href="#">91928</a>	1 g, 5 g
Mass > 3.5 kDa	3-Hydroxypicolinic acid	HPA	<a href="#">56197</a>	1 g, 250 mg
	Anthranilic acid		<a href="#">10678</a>	1 g
	Nicotinic acid		<a href="#">72311</a>	250 mg, 1 g
<b>Synthetic Polymer</b>				
Non-polar	Trans-3-indoleacrylic acid	IAA	<a href="#">57288</a>	1 g, 5 g
	Dithranol	DIT	<a href="#">10608</a>	1 g, 5 g
Polar	2,5-Dihydroxybenzoic acid	DHB	<a href="#">85707</a>	250 mg, 1 g
IR-Laser	Succinic acid		<a href="#">14078</a>	1 g, 5 g
<b>Organic Molecules</b>				
	2,5-Dihydroxybenzoic acid	DHB	<a href="#">85707</a>	250 mg, 1 g
	Isovanillin		<a href="#">59927</a>	1 g, 5 g
<b>Carbohydrates</b>				
	2,5-Dihydroxybenzoic acid	DHB	<a href="#">85707</a>	250 mg, 1 g
	$\alpha$ -Cyano-4-hydroxycinnamic acid	CHCA	<a href="#">C 8982</a>	10 x 10 mg
	3-Aminoquinoline		<a href="#">07336</a>	1 g, 5 g
Acidic	2,4,6-Trihydroxyacetophenone	THAP	<a href="#">91928</a>	1 g, 5 g
<b>Lipids</b>				
	Dithranol	DIT	<a href="#">10608</a>	1 g, 5 g
<b>Dendrimers</b>				
	Sinapic acid	SA	<a href="#">S 8313</a>	10 x 10 mg
	Dithranol	DIT	<a href="#">10608</a>	1 g, 5 g
<b>Fullerenes</b>				
	Sinapic acid	SA	<a href="#">S 8313</a>	10 x 10 mg
<b>Inorganic molecules</b>				
	T-2-(3-(4-t-Butyl-phenyl)-2-methyl-2-propenylidene)malononitrile	DCTB	<a href="#">87884</a>	250 mg, 1 g
<b>Oligosaccharide</b>				
	1-isoquinolinol		<a href="#">55433</a>	1 g, 5 g