

Selection Guide of Suitable Matrix for MALDI

MATRIX		Proteins	Peptides	Glycans	Lipids	Nucleic acids	Small molecules
SA	Sinapinic Acid	✓					
CA	Caffeic Acid	✓					✓
FA	trans-Ferulic Acid	✓					
NA	Nicotinic Acid	✓					✓
MBT	2-Mercaptobenzothiazole		✓				
CMBT	5-Chloro-2-mercaptobenzothiazole	✓	✓	✓			✓
α-CHCA	α-Cyano-4-hydroxycinnamic Acid	✓	✓	✓			
2,4-DHAP	2',4'-Dihydroxyacetophenone	✓	✓	✓		✓	✓
2,5-DHAP	2',5'-Dihydroxyacetophenone	✓	✓	✓		✓	
2,6-DHAP	2',6'-Dihydroxyacetophenone	✓	✓	✓		✓	✓
DHBA	2,5-Dihydroxybenzoic Acid		✓	✓	✓		
DHB/B	2,5-Dihydroxybenzoic Acid Butylamine Salt		✓	✓	✓		✓
THAP	2',4',6'-Trihydroxyacetophenone Monohydrate		✓	✓	✓	✓	
AMT	2-Amino-5-mercapto-1,3,4-thiadiazole			✓			✓
3-AQ	3-Aminoquinoline			✓			
AHBA	3-Amino-4-hydroxybenzoic Acid			✓		✓	✓
1,5-DAN	1,5-Diaminonaphthalene		✓		✓		
DMAN	1,8-Bis(dimethylamino)naphthalene				✓		✓
PA	Picolinic Acid					✓	
3-HPA	3-Hydroxypicolinic Acid					✓	✓
DABP	3,4-Diaminobenzophenone					✓	
Esculetin	6,7-Dihydroxycoumarin					✓	✓
HABA	4'-Hydroxyazobenzene-2-carboxylic Acid		✓	✓			✓
Norharman	9H-Pyrido[3,4-b]indole	✓	✓	✓	✓	✓	✓
Harmaline	3,4-Dihydro-7-methoxy-1-methyl-9H-pyrido[3,4-b]indole	✓	✓	✓	✓	✓	✓
IAA	3-Indoleacrylic Acid						✓
Curcumin	Diferuloylmethane						✓