

Amino acid analysis at UC Davis

| | |
|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shipping: He says via FedEx, on Ice | This is our contact: |
| Molecular Structure Facility rm 8 Hutchison Hall University of California, Davis Davis, CA 95616 | Jack Presley, Lab Manager protein microsequencing amino acid analysis (530) 752-7327 jmpresley@ucdavis.edu |
| fax # is: (530) 752 - 8969 | http://msf.ucdavis.edu/index.html |

Amino Acid Analysis pricing:

| Service | UC System | Education | Industry |
|--------------------------------|-----------|-----------|----------|
| Physiological Sample (Li) | 40.00 | 58.00 | 60.00 |
| Purified Protein/Peptide (Na)* | 32.00 | 47.00 | 50.00 |
| PVDF Bound Protein | 32.00 | 47.00 | 50.00 |
| PVDF Blank | 16.00 | 24.00 | 25.00 |

* - includes HCl hydrolysis of sample
MES hydrolysis available for \$15 additional charge

Jack recommends the following:

- put 200µl of H₂O in a 10x75mm Pyrex tube
- add 25µg protein (he said bigger volumes of ~50µl reduce pipetting error because of air in the tip)
- final salt conc. less than 50mM
- freeze the samples and send them to the shipping address
- for GLP send 3 samples
- charging in the UC system is done via a "ICO" form

They will put the sample directly on the lyophilizer and analyze it. If you send samples other than that it is no problem, he said, but you risk errors due to transfer from one tube to the other.

Jan. 22nd 2007