

UCSD CORE BIO SERVICES CELL STORAGE SUBMISSION PROTOCOL

SUBMISSION:

Cells are accepted for scheduled freezing on Tuesday and Thursday before noon. Any other time would result in an increased price (see below).

Investigators are asked to fill out a cell storage order form (attached) and fax the form to Core (x44155) as soon as possible and at least one day prior to the service being needed so that we can ensure that the Cryomed machine is available. The form can also be e-mailed to sales@core.ucsd.edu. Please call to confirm receipt of the e-mail or fax.

Cells should be prepared close to the time when they will be frozen. Normally, they are removed from the growth media and vessels and resuspended in growth media plus 10% DMSO as a cryo-protectant. Another cryo-protectant agent is glycerol. There are also proprietary mixtures sold by various companies.

Cells are placed in freezing ampules by the investigator, who labels them and brings them to the Core on wet ice. CBS will store them refrigerated until the time of freezing.

FREEZING INFO:

The CryoMed LN machine is used to freeze down cells slowly in several phases to -100 C and usually takes about 2 hours. The ampules will be placed in the rack/box/locations indicated by the investigator or in available space as agreed upon by both the investigator and CBS

PRICING (subject to change, call for current pricing):

Scheduled freezing: \$1.46 per amp

Unscheduled freezing: \$32.46 per hour plus \$1.46 per amp

If you have any questions, please feel free to contact me at 858.534.6092 or our services coordinator, Phan Tu, at 858.534.4162 and at her e-mail address, ptu@ucsd.edu.

Thank you,

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