

How to count CPM using the LUMI-SCINT

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Set up A NEW LSC counting protocol

[FUNCTION? 4]	Press ENTER
[PROTOCOL 41]	Press ENTER
[DEFINE? YES]	Press ENTER to continue
[ISOTOPE?]	There are presets for H-3(1), C-14(2) and P-32(3). Tritium counting was selected
[BKG SUB?]	Answer YES/NO followed by ENTER
[150 CPM]	Use the value from the calibration protocol(YES), or enter manually(NO)
[DPM?]	Answer YES/NO followed by ENTER
[21%]	Use the value from the calibration protocol(YES), or enter manually(NO)
[DELAY TIME? 10]	A 10 seconds delay is requested to let the PMT settle before processing with a count
[COUNT TIME?120]	A 2-minute counting time is requested
[SAMPLE ID? 1]	This is the sample group number, each sample will be labeled with this number as 1-1, 1-2, etc.
[SAMPLE 1]	The instrument is ready to start counting samples. The STERT/STOP key begins the process

Once the protocol is stored, follow the steps below

- | | |
|---------------|--|
| [FUNCTION? 4] | Press ENTER key |
| [PROTOCOL 41] | Press ENTER key |
| [OVERWRITE?] | Answer "NO", and press ENTER |
| [SAMPLE ID?] | Chose a number you like. Put your sample in and press START key to begin your first reading. |

After the first reading is finished, press NEXT key and put the next sample in. Press START key to begin your next reading.