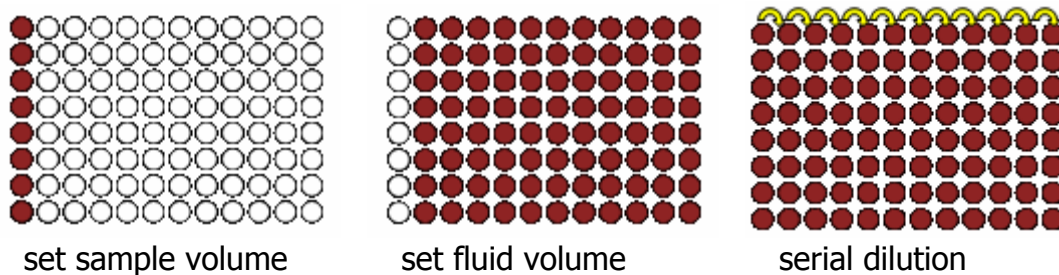


Serial_Dilution_Channels_one_Plate

How does it work?

Step template to dilute gradually a certain volume of fluid into another fluid on a 96-positions plate. Simply fill in the parameters, all fluid calculations working automatically. The Numbers of samples is set by sequence, 1 – 8 positions possible. Also set by the sequence the target plate, which is the object for sample target, fluid target and dilution. All values get checked after definition and can be entered new over dialog in case of incorrect value – excepting the sequences.

Example with 8 samples:



What parameters must be passed?

- subIntstrumentMLStar* Select the instrument
- subSeqTips* Select the tip sequence. It is possible to use standard, high volume, low volume, 50 µl tips and all with filter. Over this sequence we get the used tips, can define the correct Liquid class and maximum tip volume – automatically.
- subVarTipEject* Select if you want to eject the tips after each Dilution step. If you eject every time you need 13 tips per sample, in case not you need 3.
- subSeqSampleSource* Sequence to pick up sample fluid, must have minimal 1, maximal 8 positions.
- subSeqFluidSource* Sequence to pick up fluid for dilution.
- subSeqTarget* Sequence to dispense sample fluid, dilution fluid and dilute afterwards. Use the target plate sequence, sorted columnwise.
- subVarSampleVol* Define the sample volume. The template calculates the transfer volume, liquid volume, pre- and post volume and mix volume – automatically.
- subVarDilutionLevel* Set the level of dilution. Enter the second value (like x in 1:x). This should be an integer value. Possible levels are from 1:2 to 1:20.