Click on a technique for the YouTube video

Knowledge clips molecular techniques

General

Centrifuges

Microcentrifuge



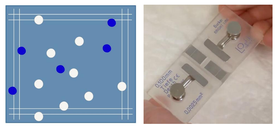
Minicentrifuge



Swinging Bucket Centrifuge



Counting cells



Dilution series



Dialysis membrane



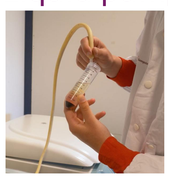
Inoculation



Light microscope



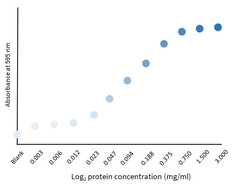
Liquid pump



pH meter



Standard curve



Spectro-photometer



Working sterile with microbes



Waste disposal



Pipetting

Introduction



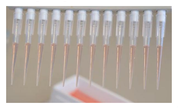
Repeater pipet



Pipet bulb

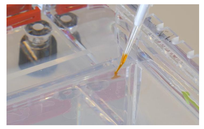


Multichannel pipette

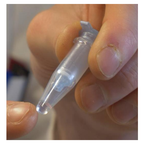


DNA

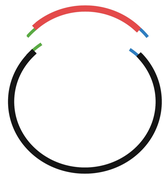
Agarose gel electrophoresis



DNA purification



Golden gate cloning



Nanodrop



Transformation



Cells & tissue

Cell culture



Harvesting cells



H&E staining



Prepare cells for microscopy



Sterilising medium



Working sterile with cells

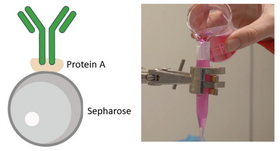


Thawing cells

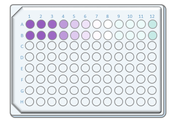


Protein

Antibody purification



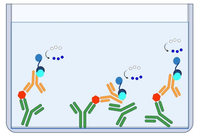
BCA assay



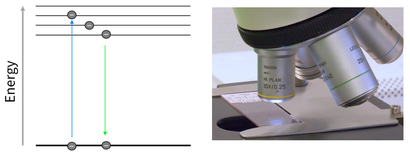
Bradford assay



ELISA



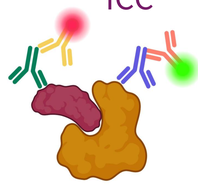
Fluorescence microscopy



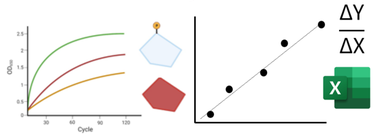
HIS-tag purification



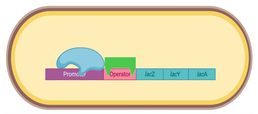
ICC



Phosphatase assay & analysis



Protein induction



SDS-PAGE & Western blot



Molecular techniques in 30 seconds

Agarose gel electrophoresis

BCA assay

Bradford assay

Colony PCR

DNA restriction

Golden gate cloning

HIS-tag purification

ICC

MS

PCR

Phosphatase assay

Sanger sequencing

SDS-PAGE

Transfection

Transformation

Western blot