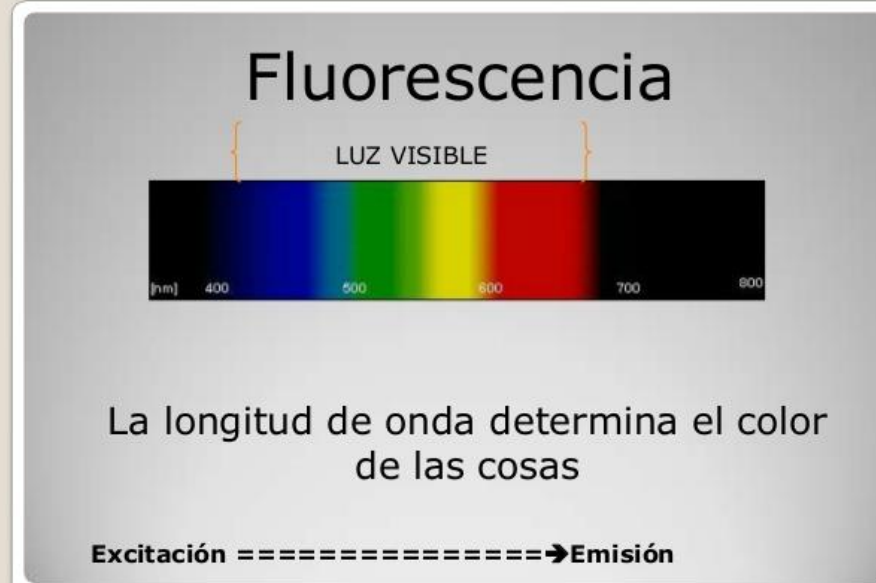


Fluorometrie

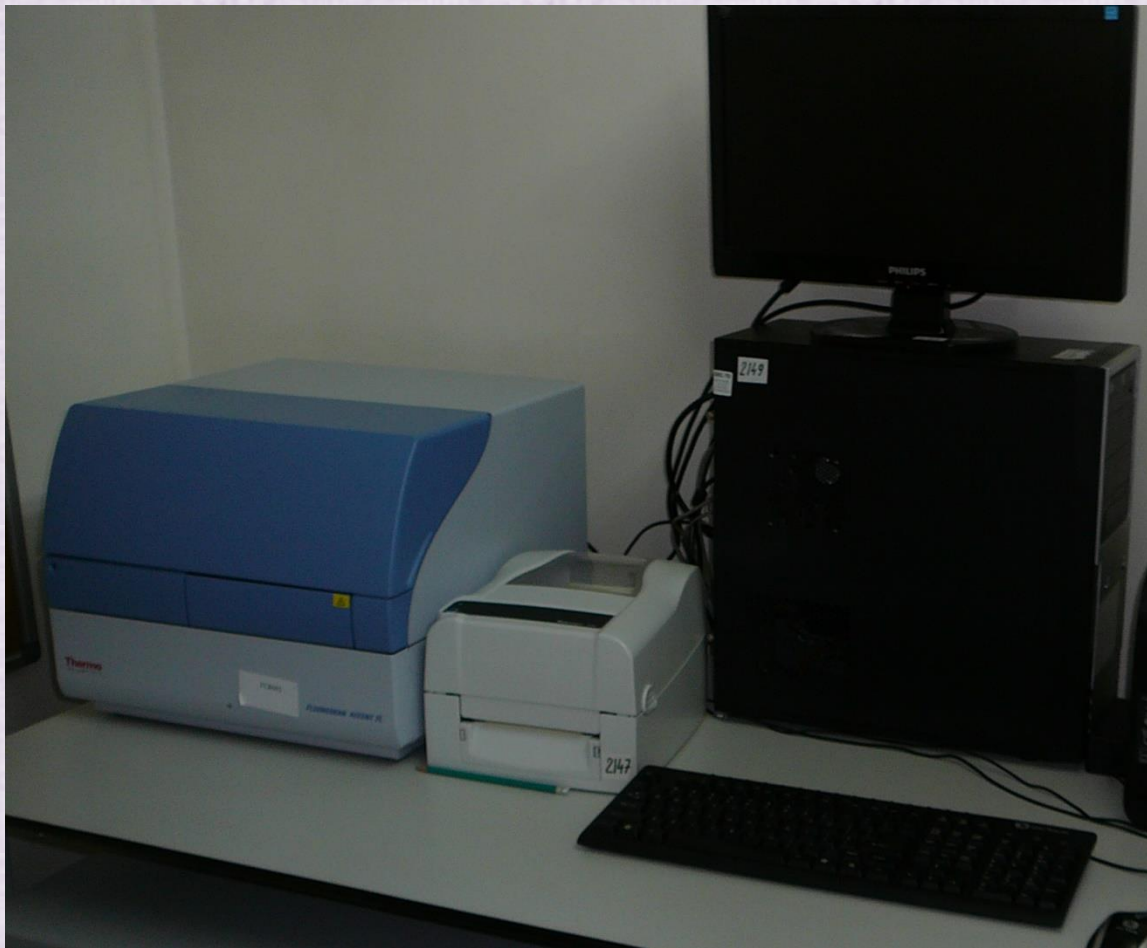


Flurometrie

- Flurometrie – metodă fizico-chimică de analiză bazată pe măsurarea intensității fluorescenței substanțelor.
- Materialele fluorescente absorb energia luminoasă de o anumită lungime de undă pe care o supun unei schimbări la nivel atomic și instantaneu emit lumină cu o lungime de undă mai mare.

Aparatura

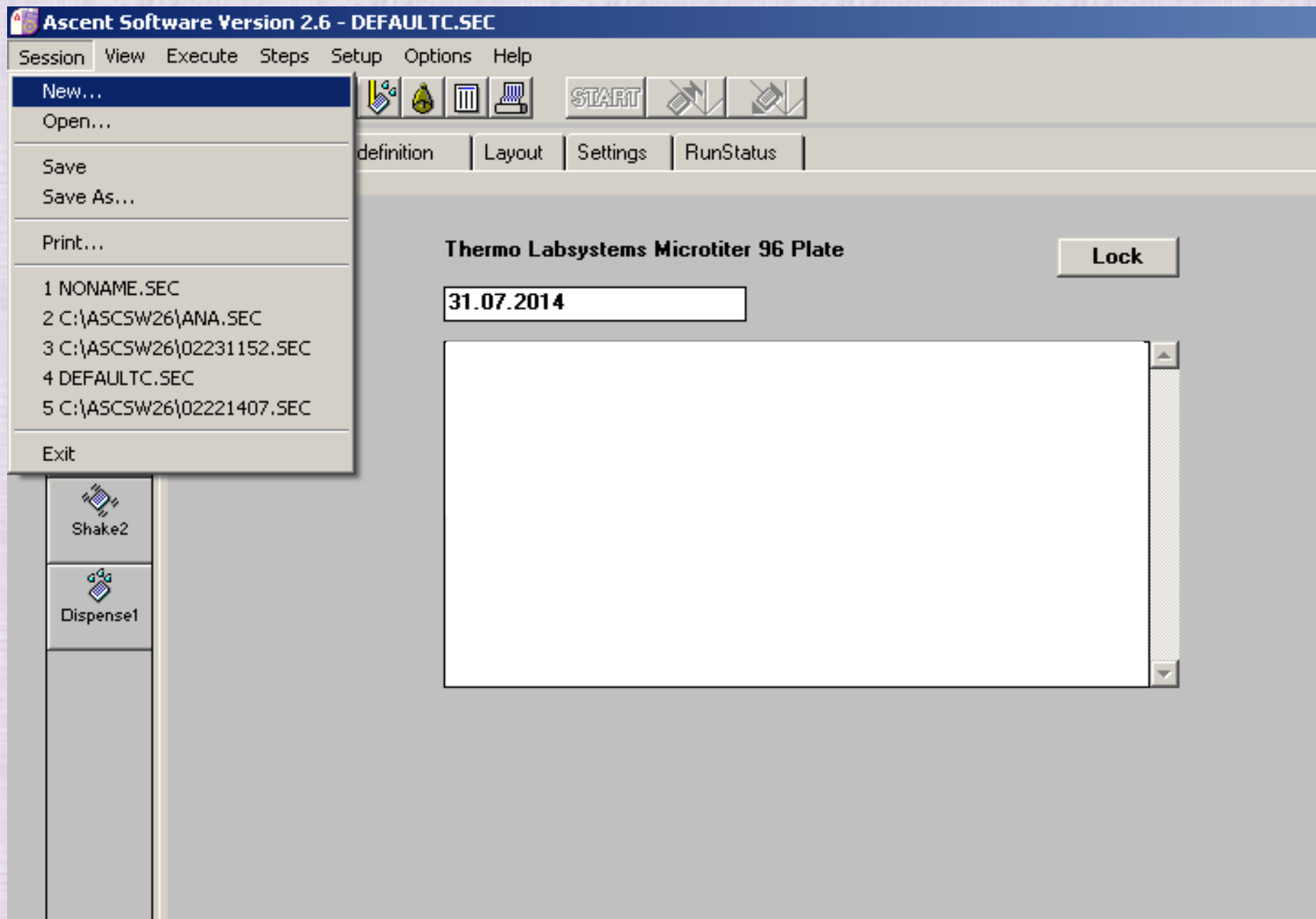
- Fluoroskan Ascent Fl./ Thermo Scientific



Etape

- Setari aplicație
- Construire curba de calibrare
- Diluarea ADN-ului
- Pregatirea colorantului
- Pipetarea pe placă (colorant, calibratori, probe, control)

Setări aplicație:





New Session

Templates:

- Thermo Labsystems Microtiter 96 Plate**
- Thermo Labsystems Microtiter 96 Strip Plate
- Thermo Labsystems Microtiter 384 Plate
- Thermo Labsystems Microtiter 384 Plate w. adapt
- Thermo Labsystems Microlite 96 Plate
- Thermo Labsystems CLINIPLATE
- Thermo Labsystems COMBIPLATE (in Multiframe)
- Thermo Labsystems CLINIPLATE 384
- Thermo Labsystems CLINIPLATE 384 with adapte
- Dynex 96-well Microlite plates
- 96-Wells GENERIC
- 96-Wells CORNING 25860
- 96-Wells COSTAR 3596
- 96-Wells COSTAR 3694, half area plate
- 96-Wells NUNC N-167008
- 96-Wells FALCON 3072

OK Cancel

Lock



General

Shake1

Parameters Shake

Step name: Shake1

Total time (hh:mm:ss): 00:00:10

ON time (hh:mm:ss): 00:00:10

OFF time (hh:mm:ss): 00:00:00

Diameter (1...50mm): 1

Speed (60...1200 rpm): 1200

☐ Background mode



General

Shake1

Measure1

Par. Measure

Step name:

Measure1

Unit:

Step time (hh:mm:ss.s):

00:00:00.0

Measurement method:

Fluorometric

Measurement type:

Single

Integration time (ms):

20

40

Lag time (hh:mm:ss.s):

00:00:00.0

485 / 538

Excitation:

Emission:

Pairs:

Filter pair:



☐ Overwrite general step settings

Beam:

◆ Normal

◇ Small



General

Shake1

Measure1

Type: **BLANK** Dilution: Apply

Name: Assay: **Assay1** Clear

 Clear all

Cut Copy Paste

	1	2	3	4	5	6	7	8	9	10	11	12	
A													A
B													B
C													
D													
E													
F													
G													
H													
	1	2	3	4									

Fill

Type: **BLANK** Number of samples:

Name: ☐ Generate dilution series

Dilution 1: No. of dilutions:

Assay: **Assay1**

Filling order: ☒ Down ☐ Right

Replicates: Fill replicates and blanks: ☒ Down ☐ Right

Specific blanks: **None**

Operators: ☒ Multiply (*) ☐ Add (+) ☐ Divide (/) ☐ Subtract (-)

By:

Navigate: 

Apply Close Clear Clear all

[illegible]

Fill

Type: **BLANK**

Name:

Dilution 1: **BLANK**

Assay: **Assay1**

Filling order: ☒ ↓ ☐ →

Replicates: **1**

Specific blanks: **None**

Fill replicates and blanks: ☒ ↓ ☐ →

Number of samples: **1**

☐ Generate dilution series

No. of dilutions: **1**

By: **1**

Operators:

- ☒ Multiply (*)
- ☐ Add (+)
- ☐ Divide (/)
- ☐ Subtract (-)

Navigate: 

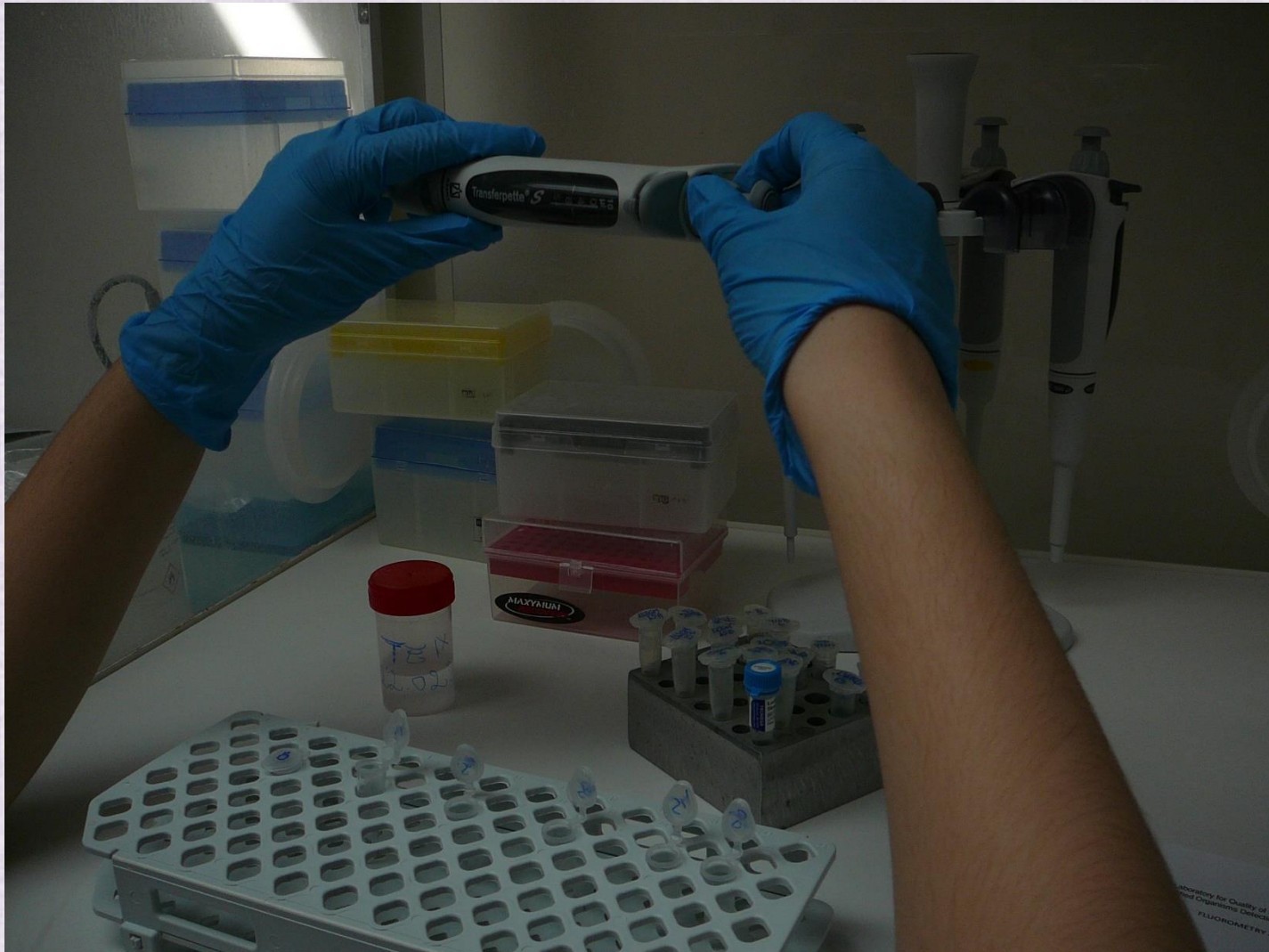
Apply Close Clear Clear all

Vă mulțumesc pentru
atenție

Galerie imagini – kit cuantificare



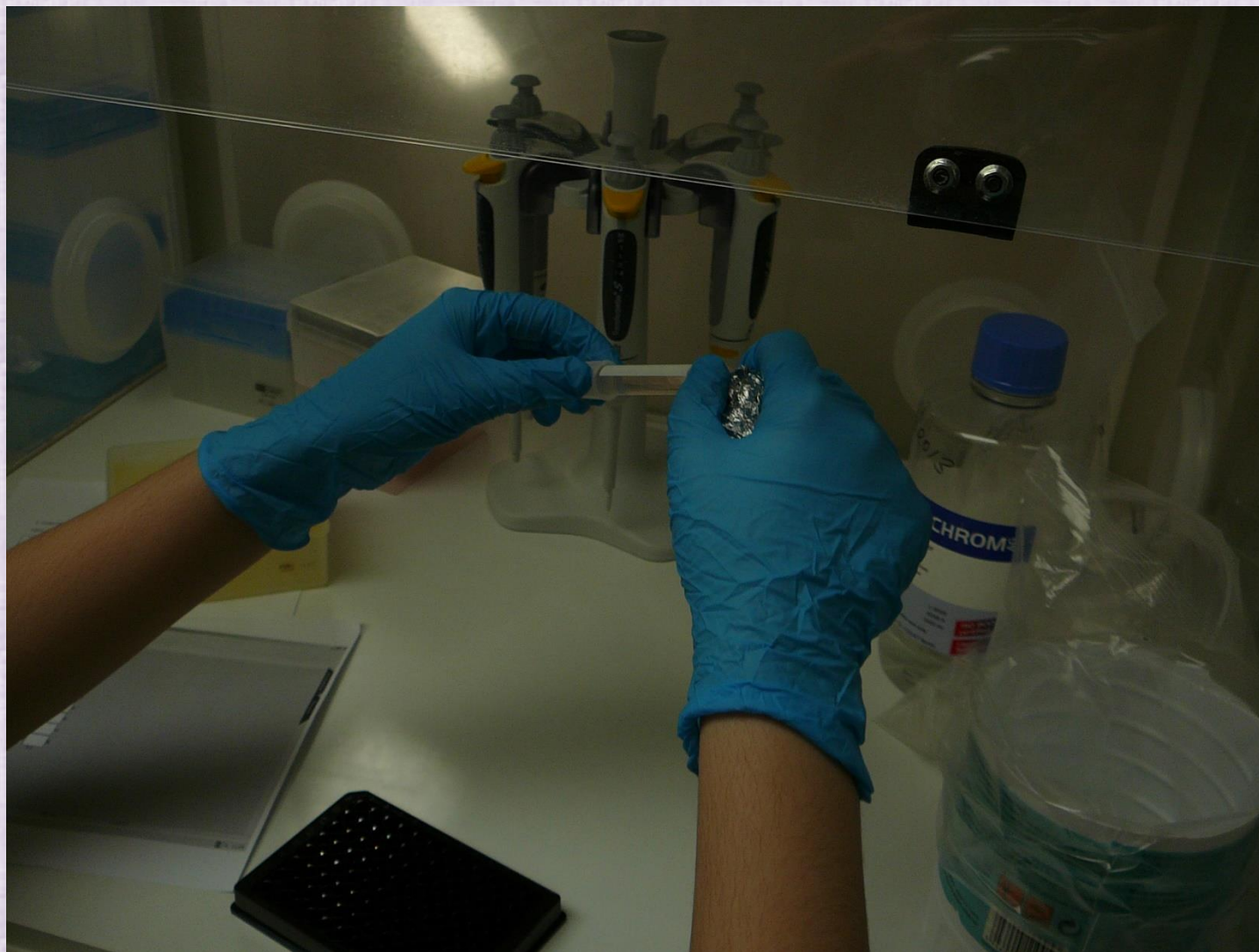
Galerie imagini – pregătire curba de diluție



Galerie imagini – diluare ADN



Galerie imagini – pregătire colorant



Galerie imagini – pipetare in placa

