

# Actualidades em Imunoalergologia

15 e 16 de Maio de 2009



SERVIÇO DE IMUNOALERGOLOGIA  
CENTRO HOSPITALAR DE SETÚBAL / HOSP. S. BERNARDO  
E

GRUPO DE INTERESSE  
DE ALERGIA A FÁRMACOS / SPAC



Dia 15 de Maio de 2009  
Hospital de Setúbal

Dia 16 de Maio de 2009  
Tróia Design Hotel

## Hospital de S. Bernardo

Dia 15 de Maio de 2009  
(limitado a 12 participantes)

### Workshop:

**Alergias Moleculares: do Laboratório à Clínica**  
Local: Serviço de Imunoalergologia do Hosp. S. Bernardo, Setúbal

9.30 – 10.00 **Introdução / Organização do WS**  
Filipe Inácio

10.00 – 10.45 **Métodos de Identificação e Caracterização de Alergias**  
Ana Pires / Luis Martins

- Inhibição (IT)
- SDS-PAGE
- Duplo-difusão
- Immunoblotting

10.45 – 11.15 **Intervalo**

11.15 – 12.15 **O potencial da Biologia Molecular em Imunoalergologia**  
Marta João Pires

**A Biologia Molecular na produção de alergias**  
Arpa Martins

**Ensaio multiparamétrico para IgE e IgG específicas:  
CIB e microarrays**  
Arpa Martins

12.15 – 14.00 **Almoço**

14.00 – 16.00 **Laboratório**

16.00 – 16.30 **Intervalo**

16.30 – 18.30 **Discussão Casos Clínicos apresentados  
pelos participantes ao WS**

**Nota:** Cada participante deverá trazer 2 minutos antes do WS, para o Serviço de Imunoalergologia do HSB 1 amo e ser analisado em ELISA.

**Inscrição:** Serviço de Imunoalergologia, CHS / HSB  
E, Camilo Castelo Branco 2510 Setúbal

**Organização:** Serviço de Imunoalergologia  
**Patrocinio:** SPAIC

### Envio de inscrições para:

Transealpine - Viagens e Turismo, Lda  
Avenida Guerra Junqueiro 28C  
1000-167 Lisboa

Tel: 218436440

email: reuniao.imunoalergologia@transealpine-viagens.pt

A/C: Sofia Santos / Pedro Artios



# Workshop

*Alergénios Moleculares: do Laboratório à Clínica*

*Sessão Prática – Dr. Luís Martins*

*Local: Serviço de Imunoalergologia  
Hosp.S.Bernardo, Setúbal*

*15 de Maio de 2009*

SERVIÇO DE IMUNOALERGOLOGIA  
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Sociedade  
Portuguesa  
Alergologia  
Imunologia  
Clínica



allergon  
DERMATOPHAGOID  
Batch No:  
Tare:  
Origin:

ALLERG

PHLEUM PRATENSE

DACTYLIS GLOMERATA  
01098

PARIETARIA JUDAICA  
044

PARIETARIA OFFICINALIS  
029

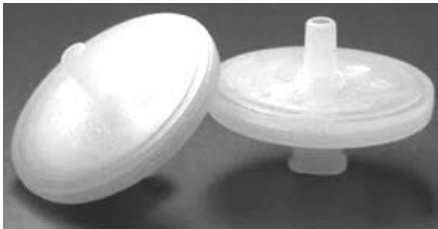
OLEA EUROPEA  
0328

allergon  
Betula verrucosa  
Batch number:  
Tare: 3.5  
Origin: 23/34

Allergy

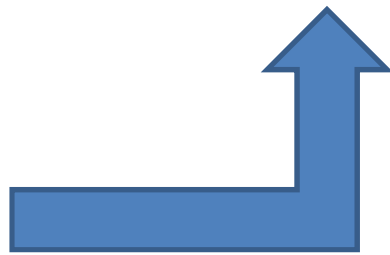
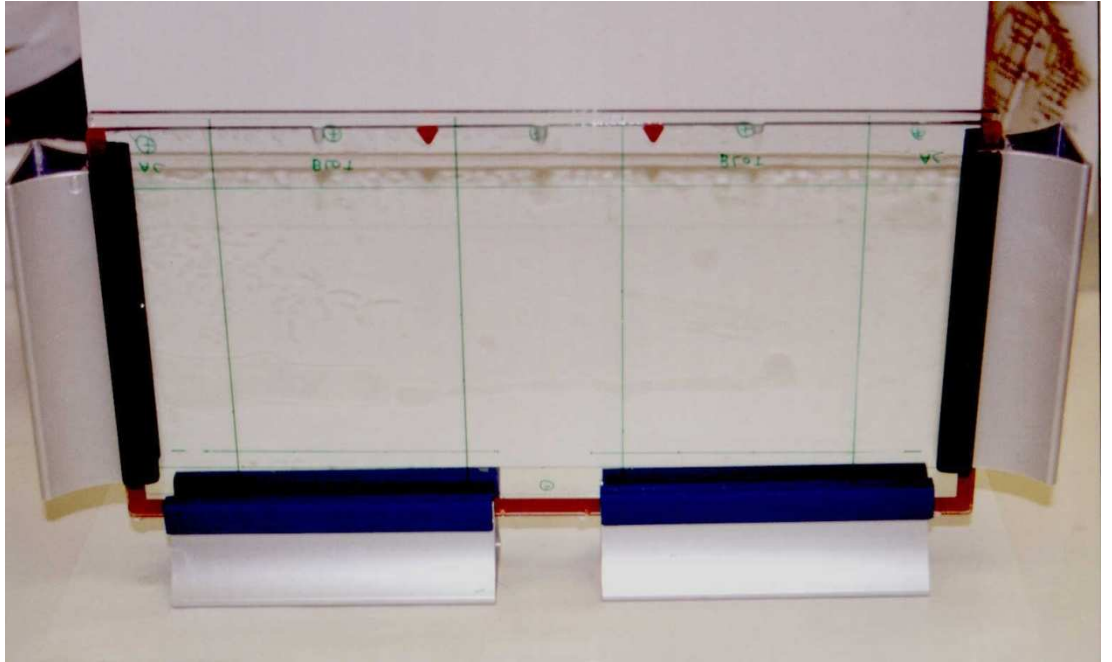
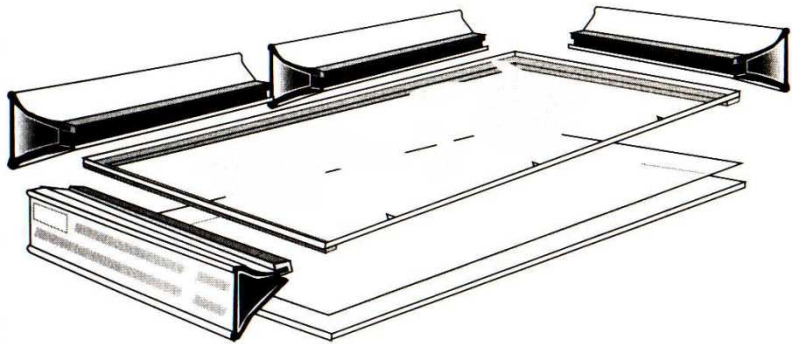
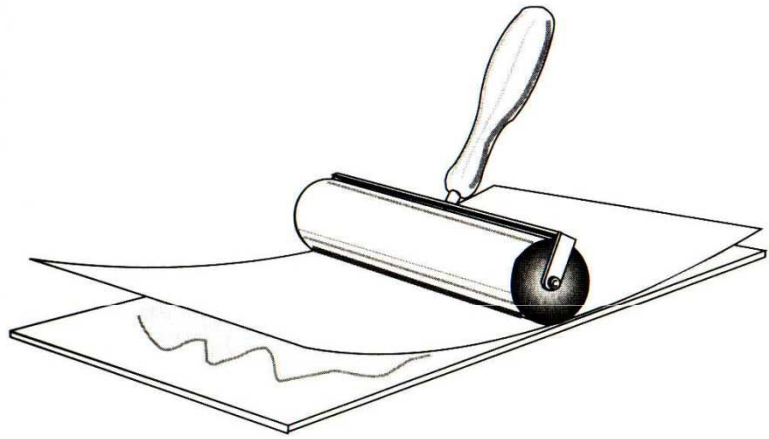
ALLERGY







⊕	⊕	1	2	3	4	5	6	7	8	9	10	⊕	⊕	⊕	⊕	
MpI —	—————														— MpI	
AC ⊖	AC ⊖	T	I	R	A	S	2	D	-----				Ag ⊖	BLOT ⊖	AC ⊖	AC ⊖

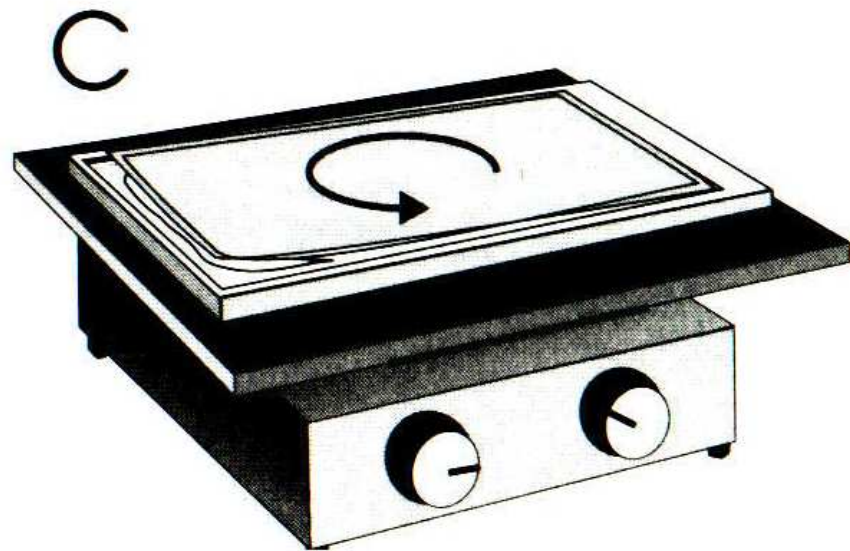
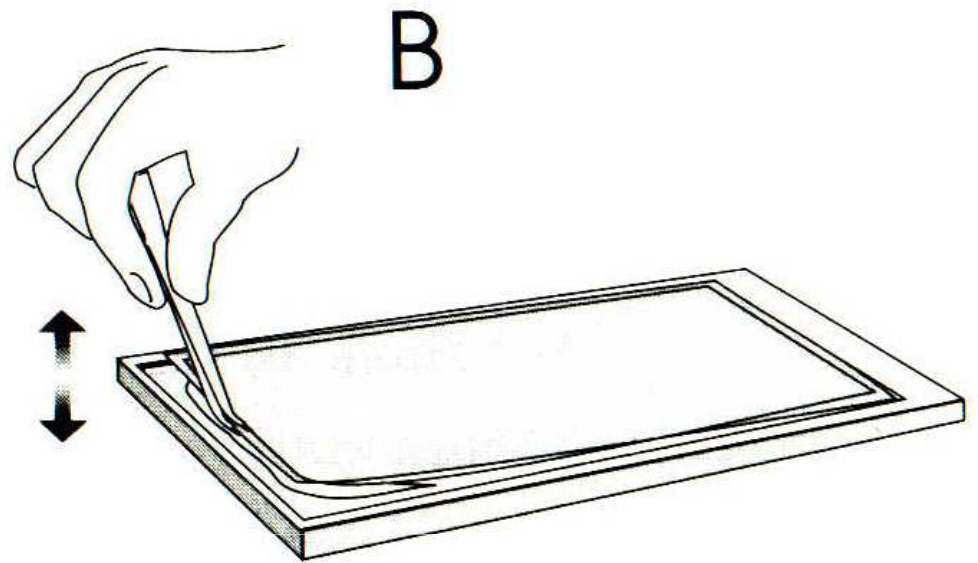
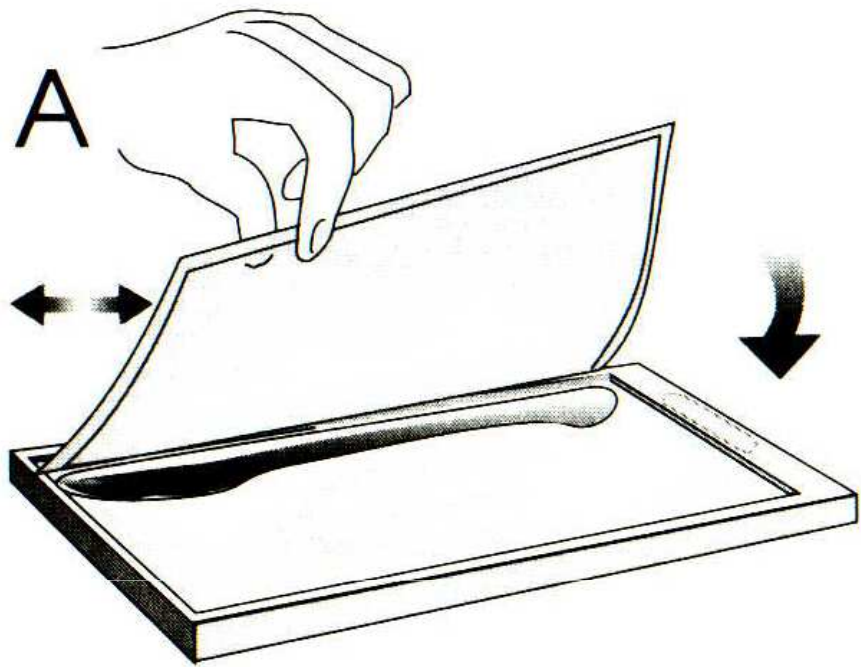




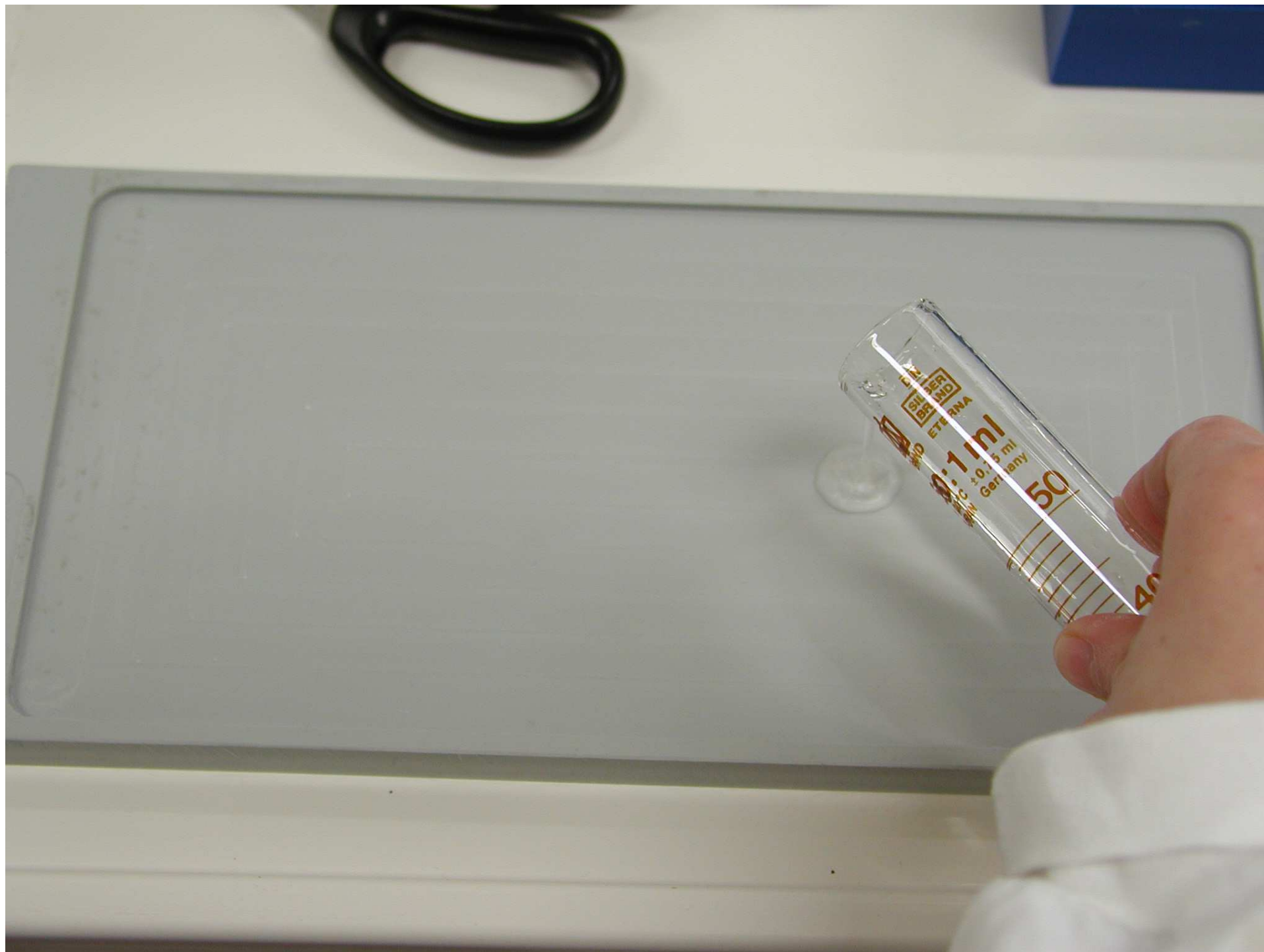
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26/10/04

02/08/2005

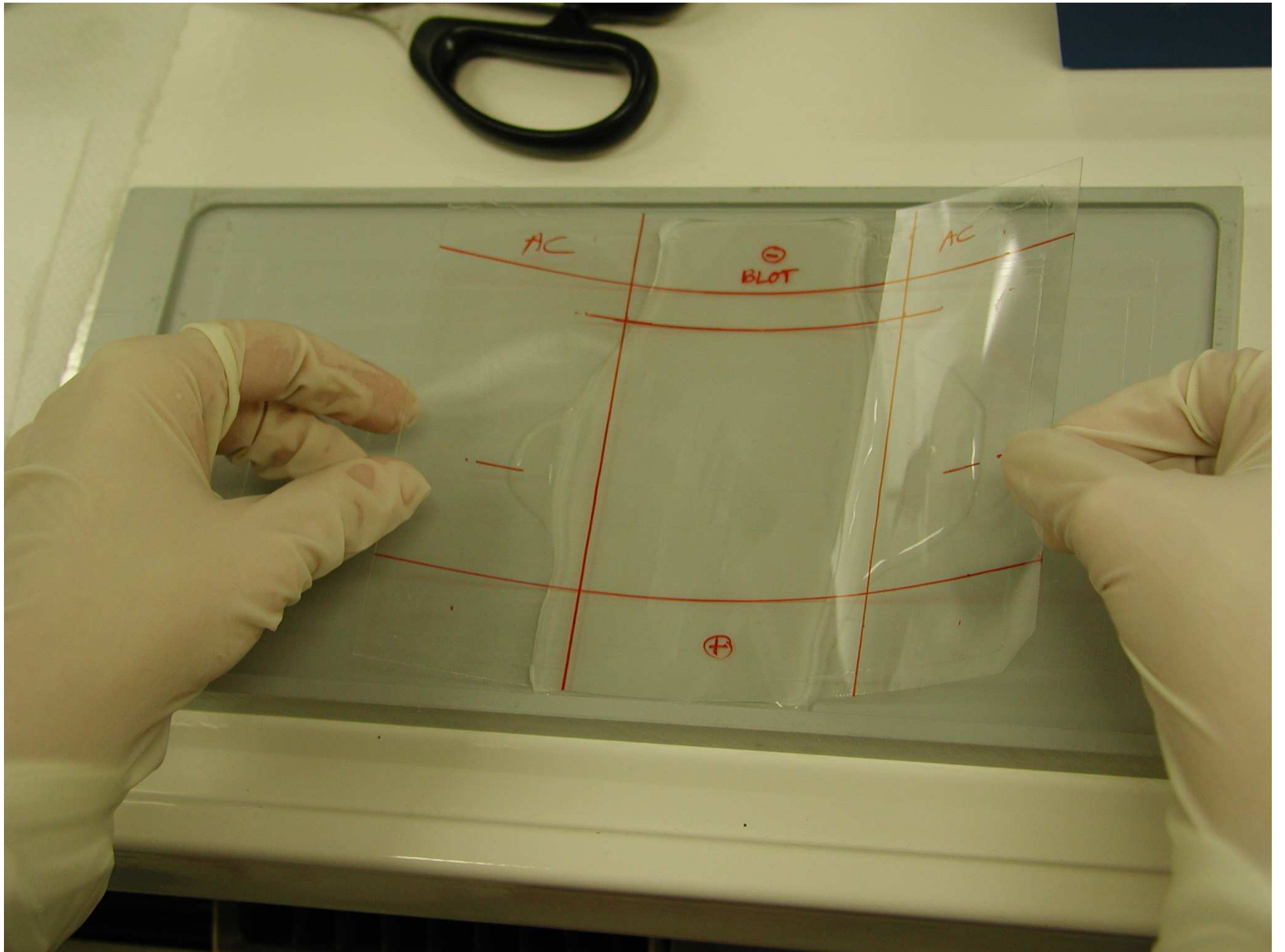


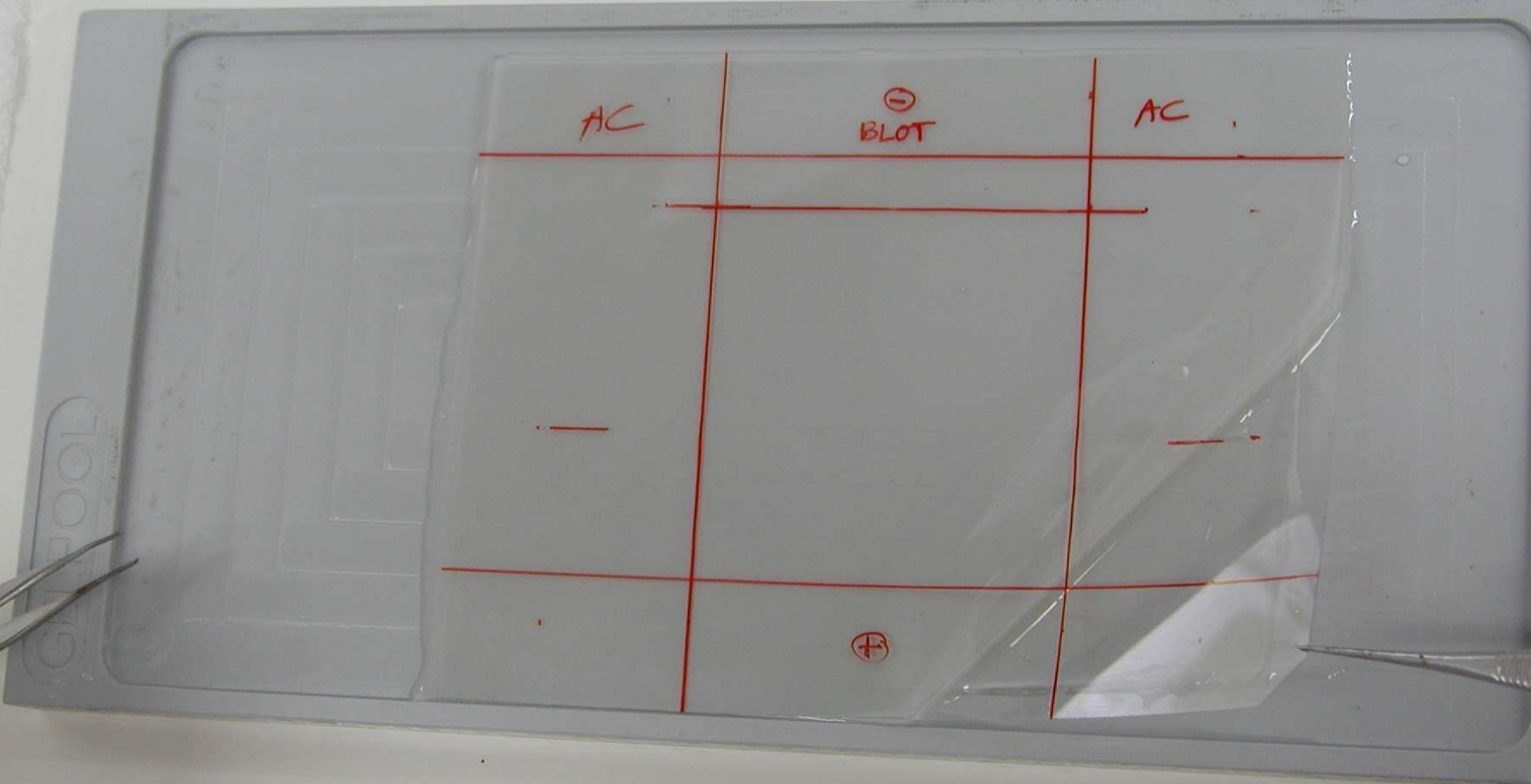


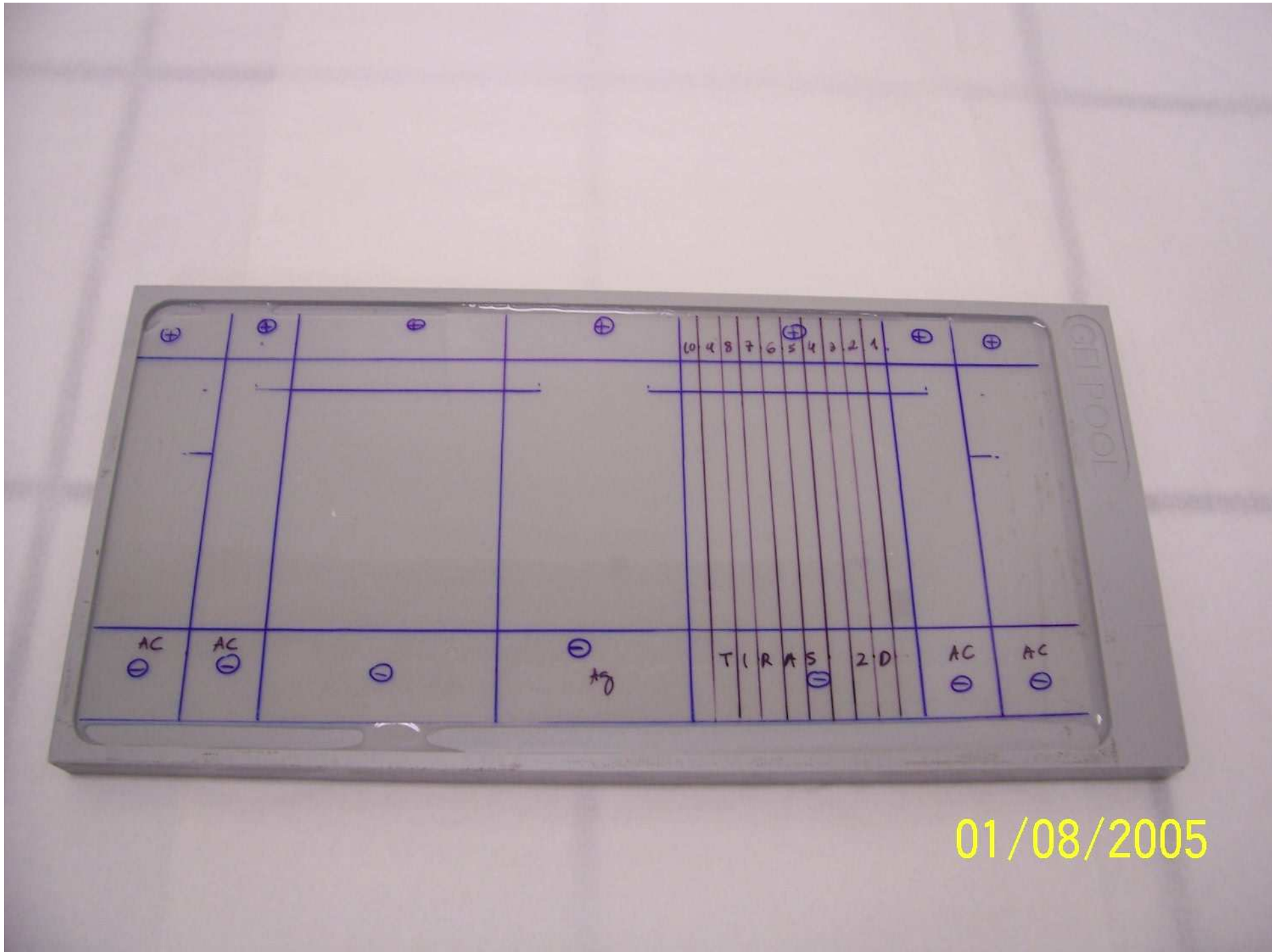




01/08/2005







10 9 8 7 6 5 4 3 2 1

TIRAS 2.D

AC ⊖

AC ⊖

⊖

⊖  
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AC ⊖

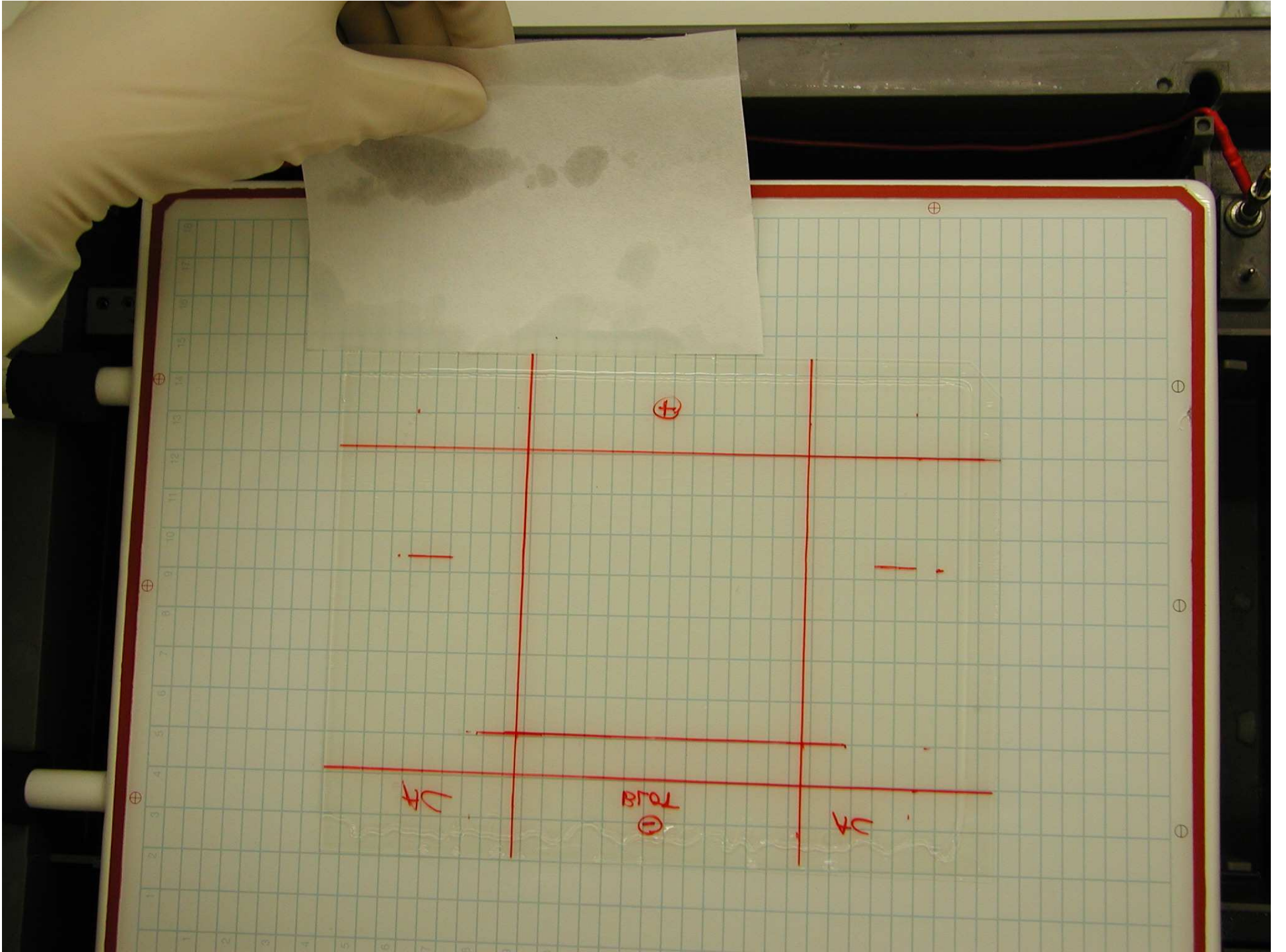
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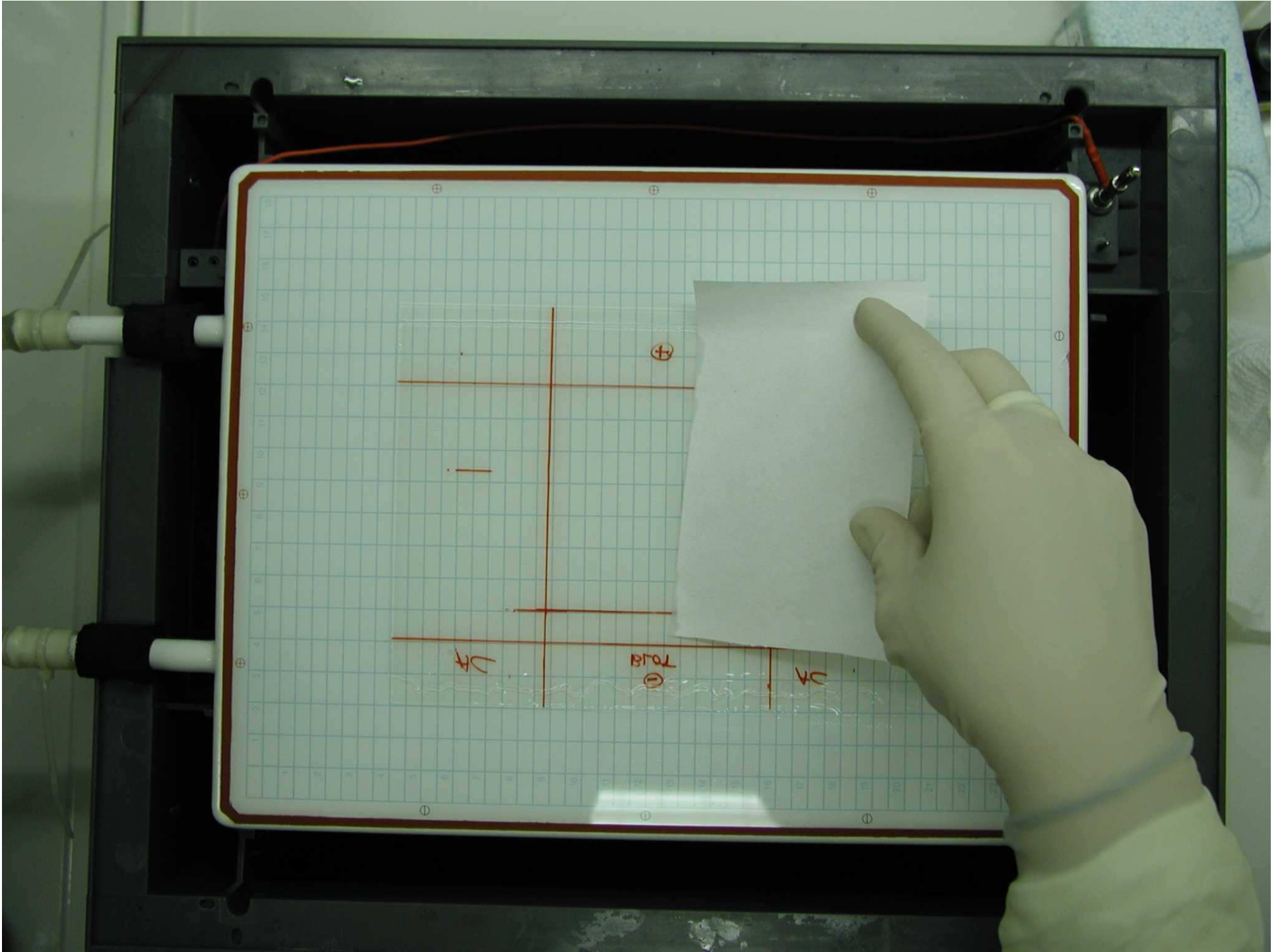
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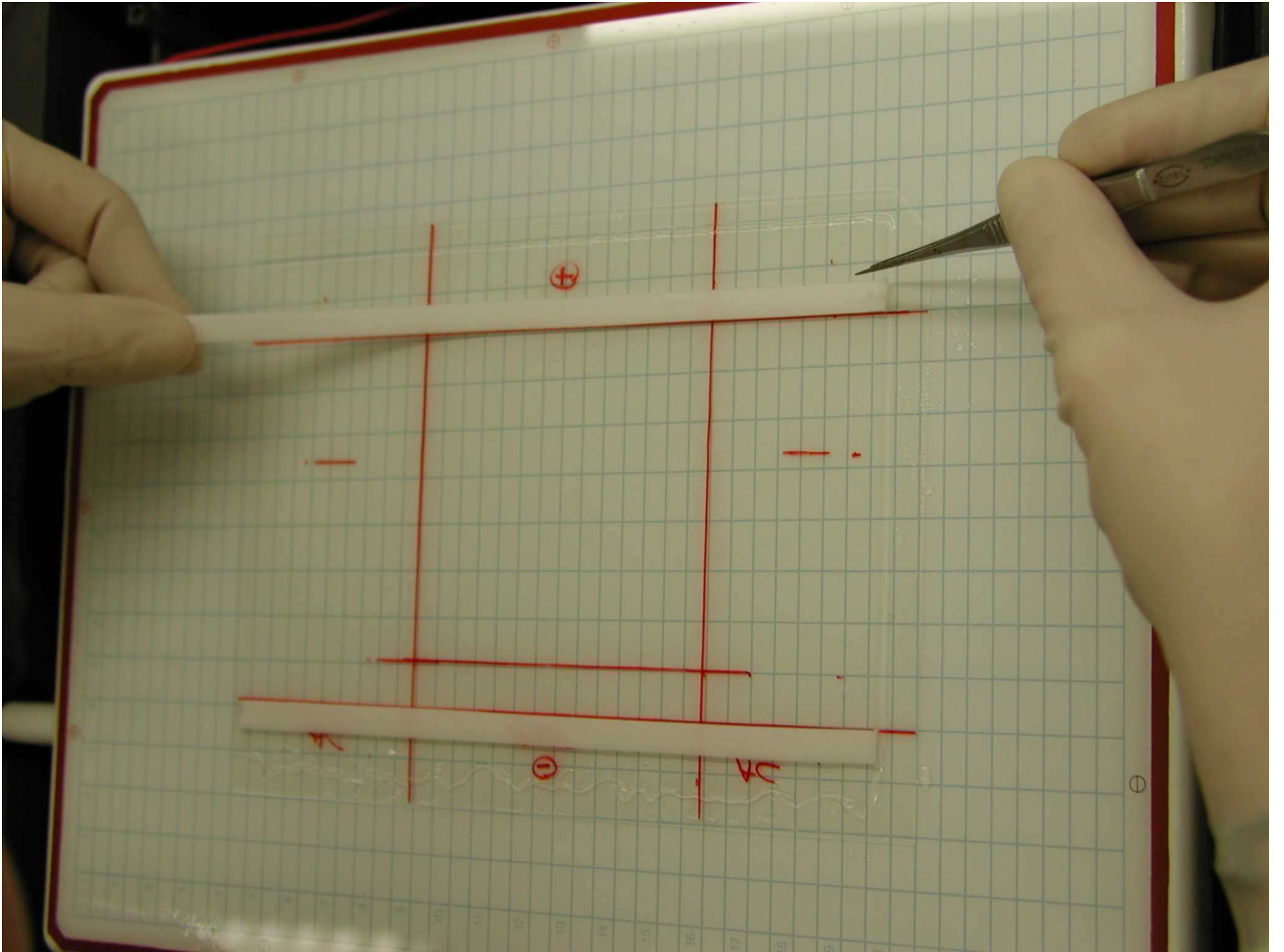


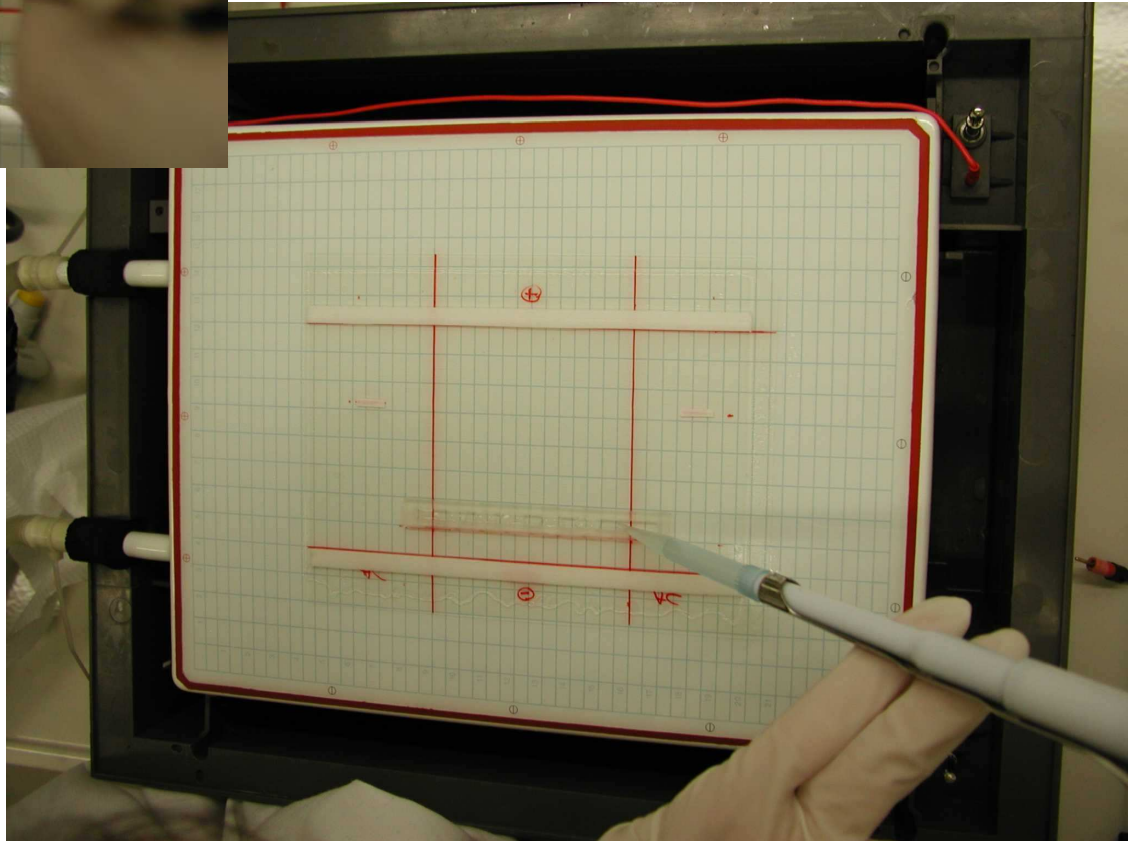
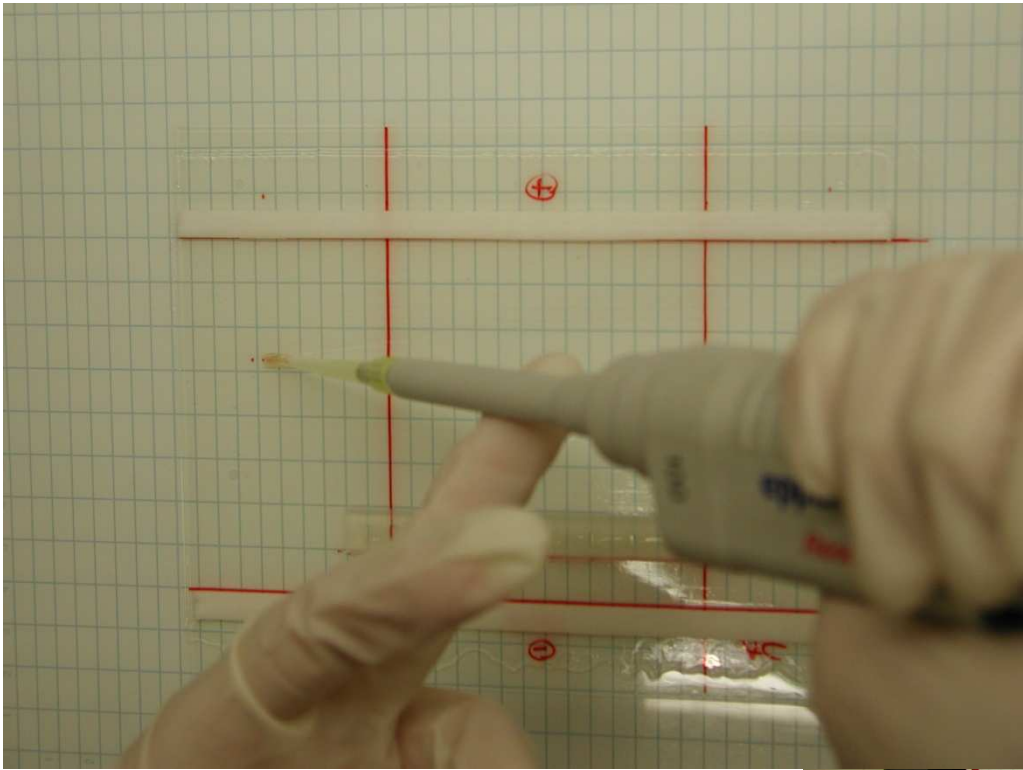


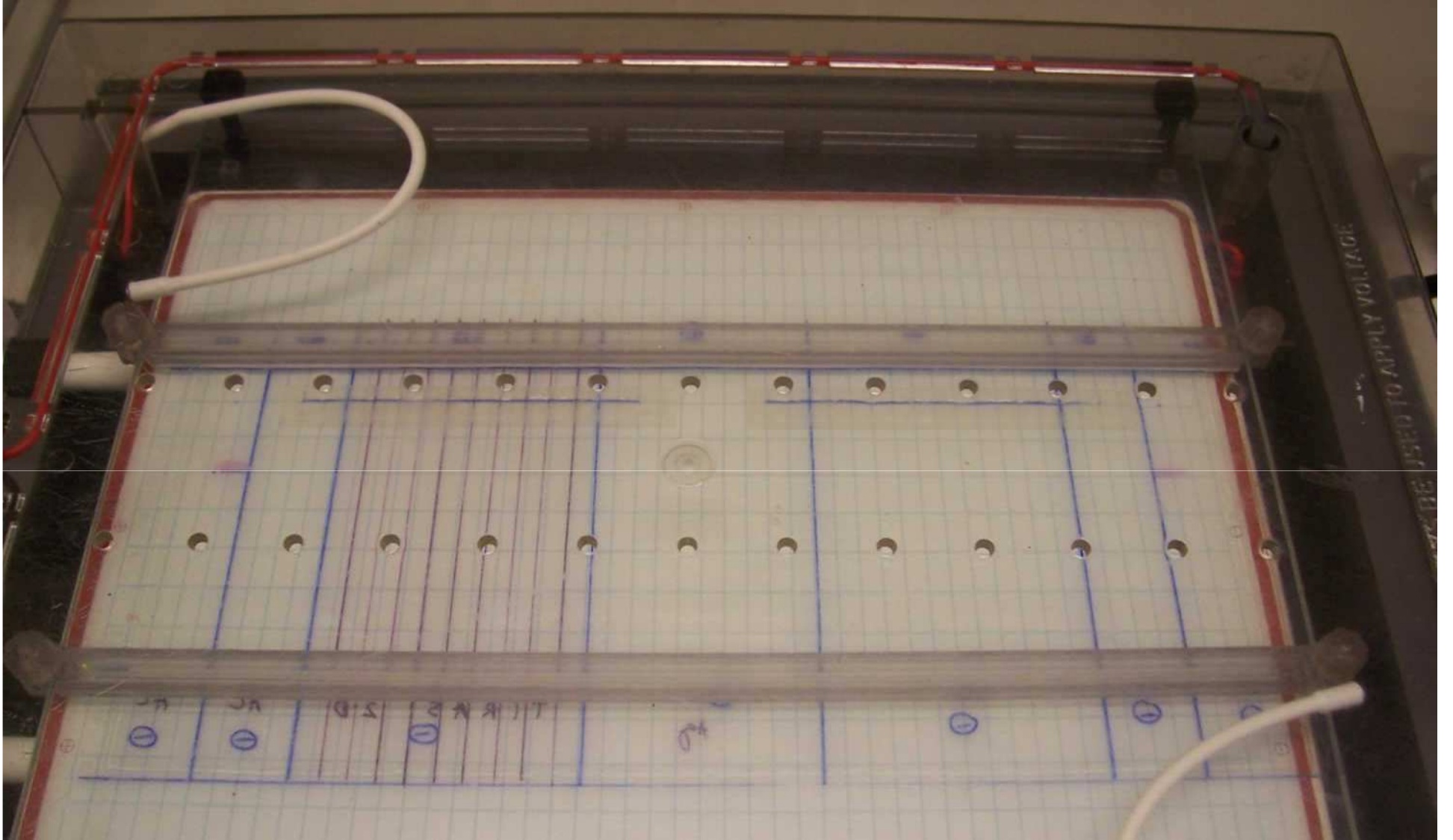


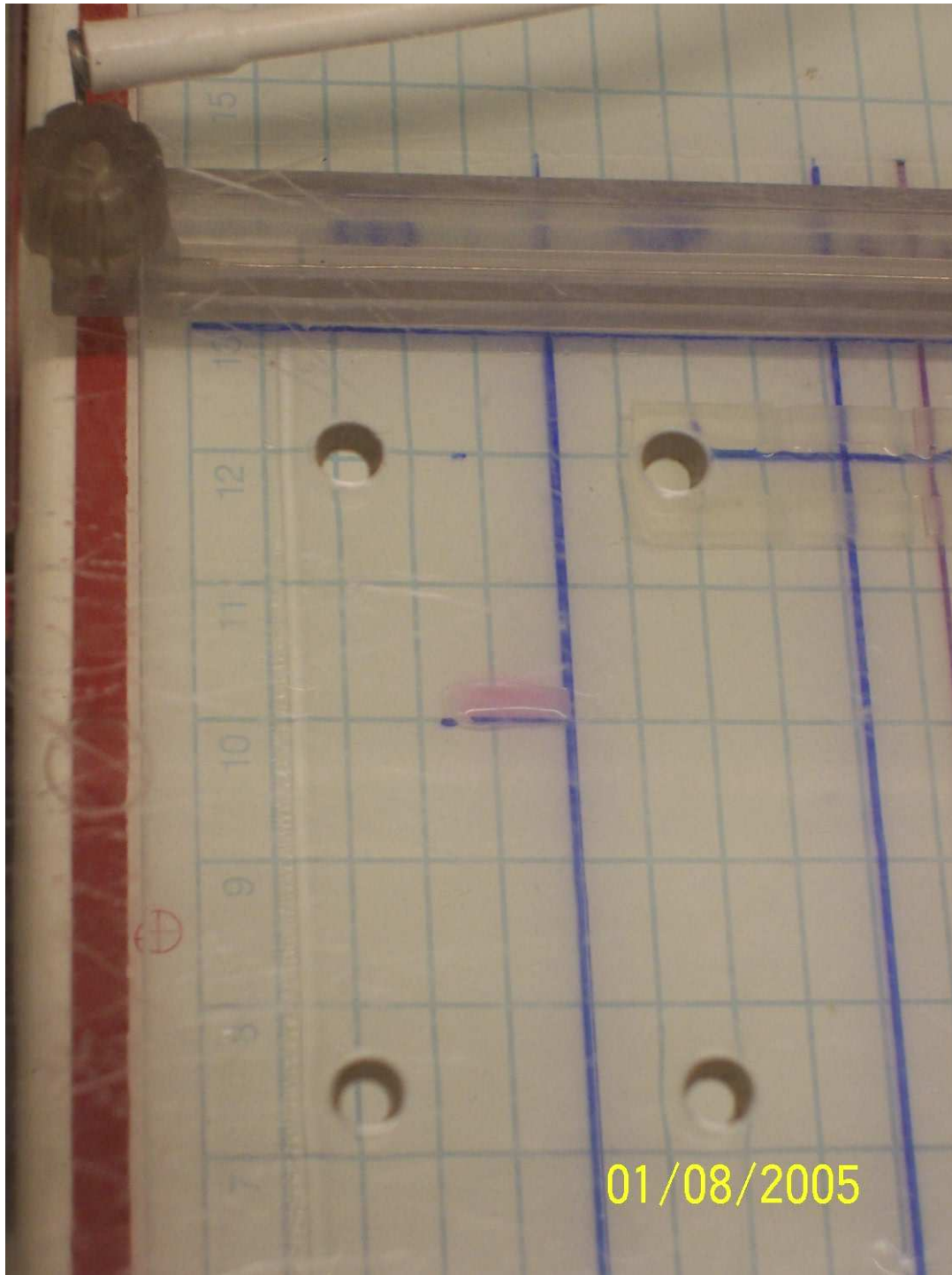












01/08/2005



Pharmacia LKB · Volthour Integrator

Pharmacia

volthours

0025

x10 alarm



Pharmacia LKB · ECPS 3000/150

Pharmacia

remote

voltage current power

000

set V mA W

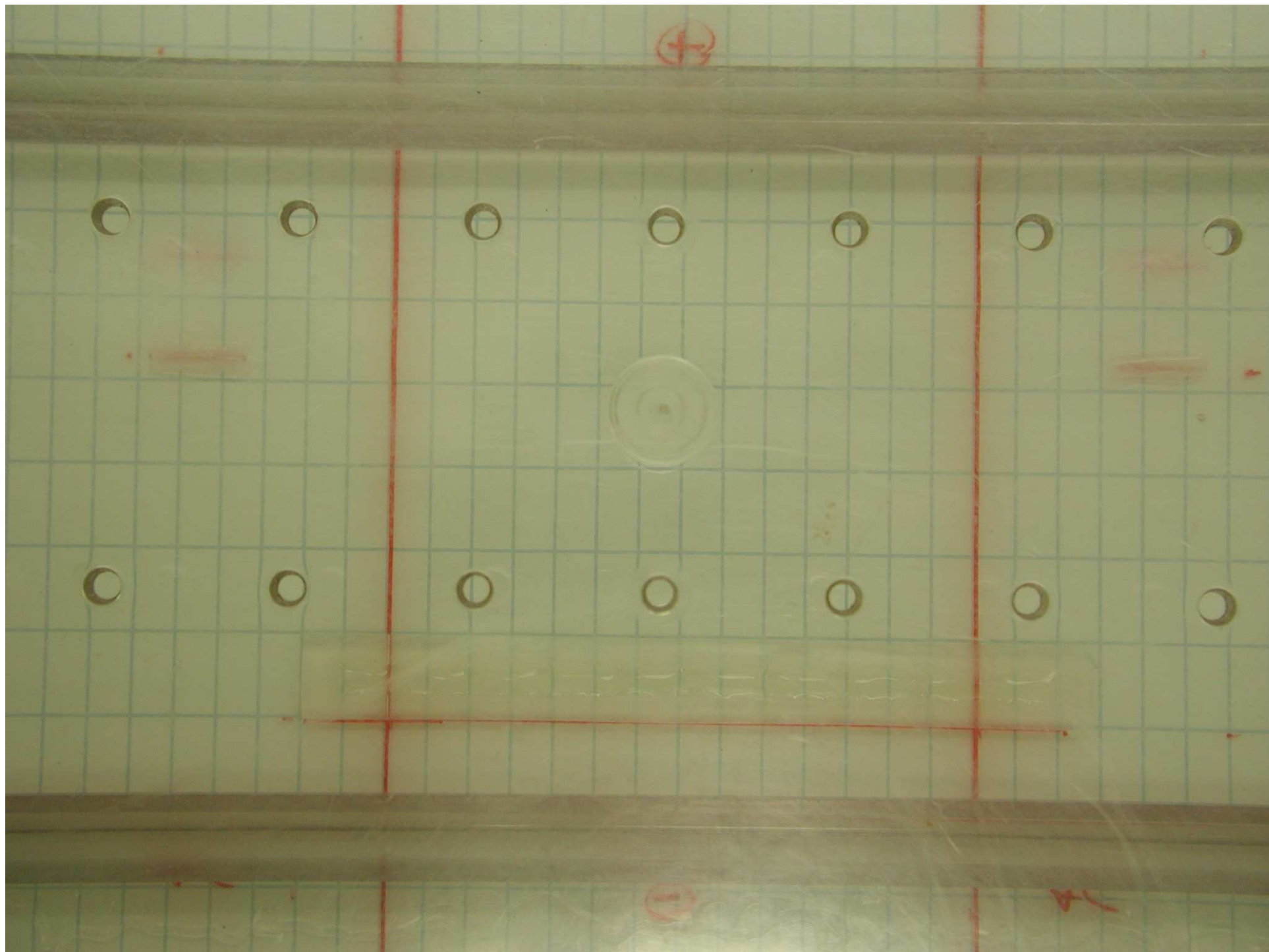
leakage HV on

15 W on 150 W off

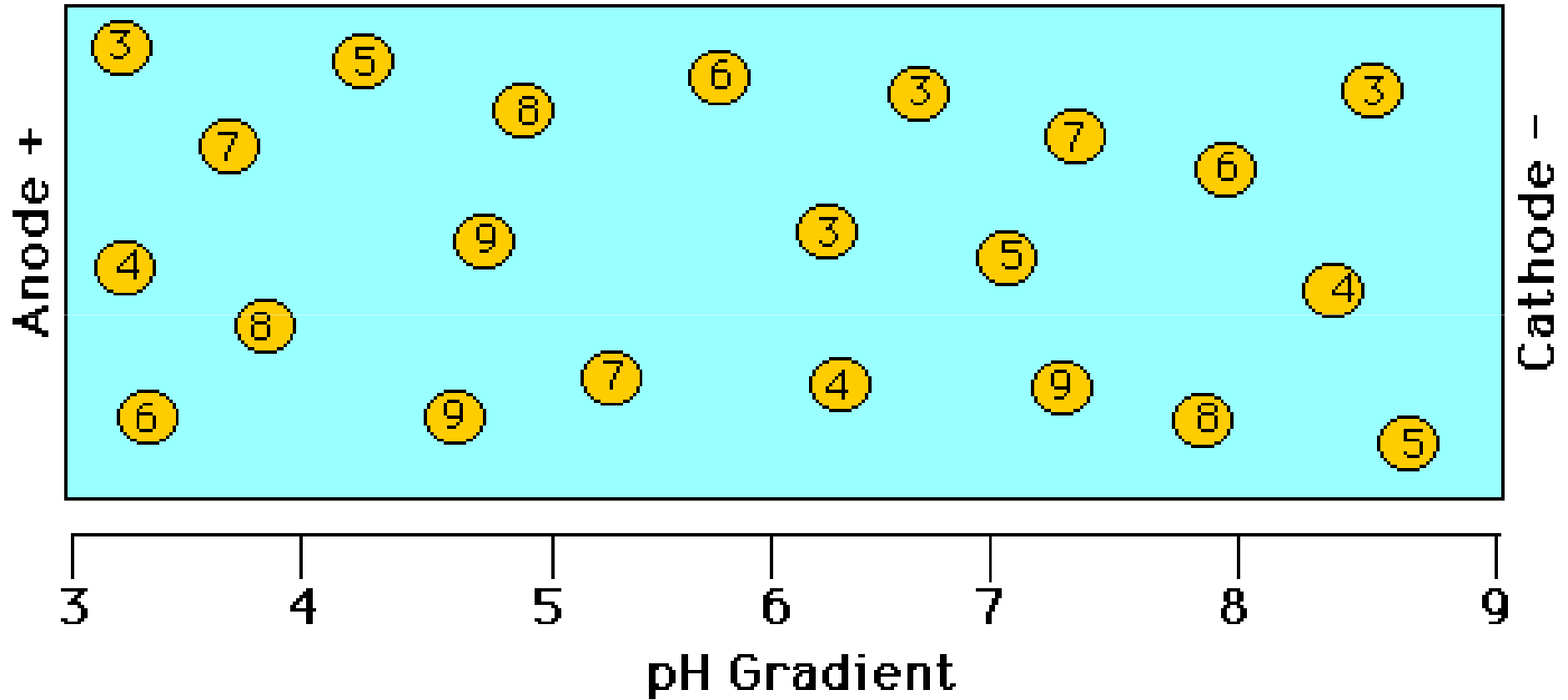
- +

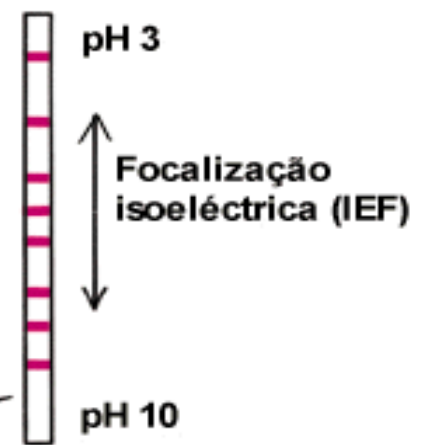
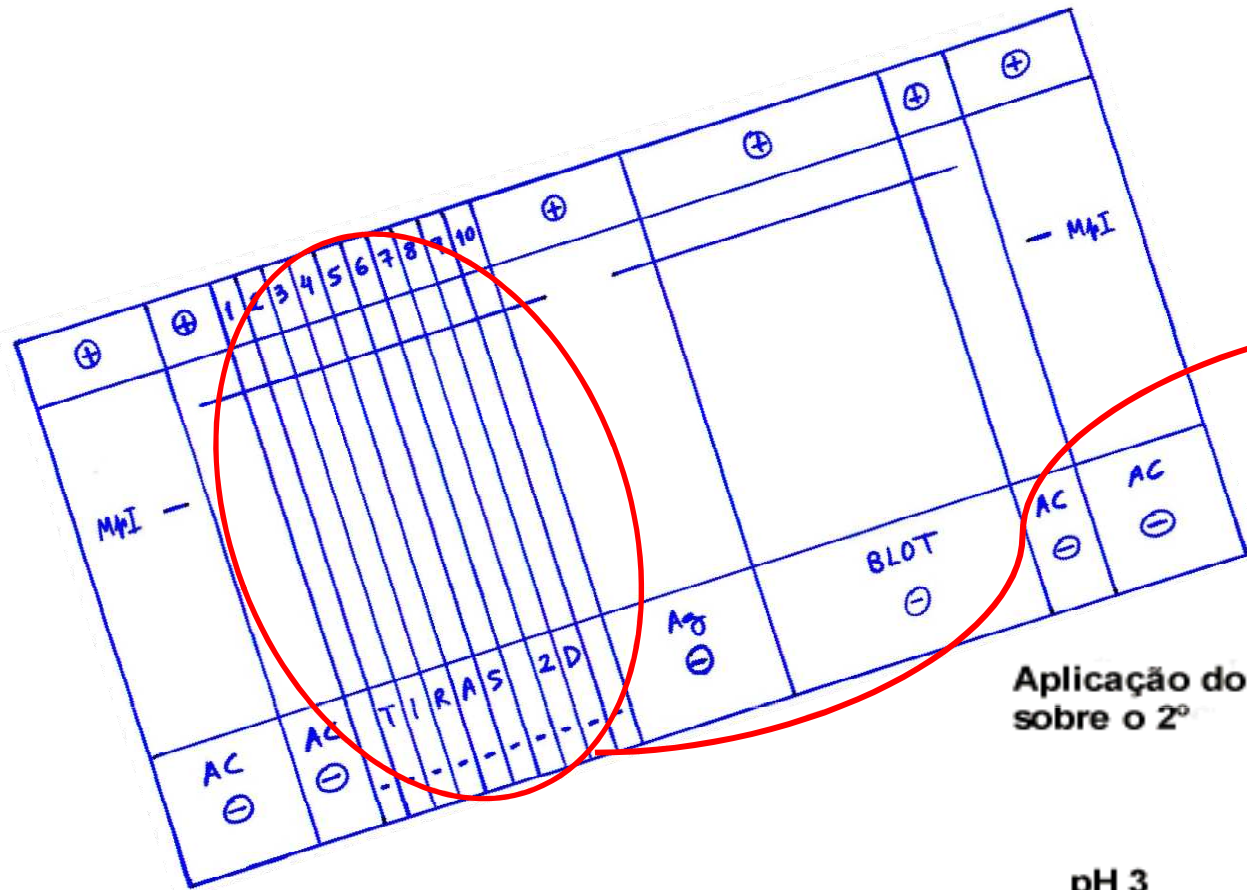
DANGER HIGH VOLTAGE

AEESULAP  
AEESULAP AG & CO. KG

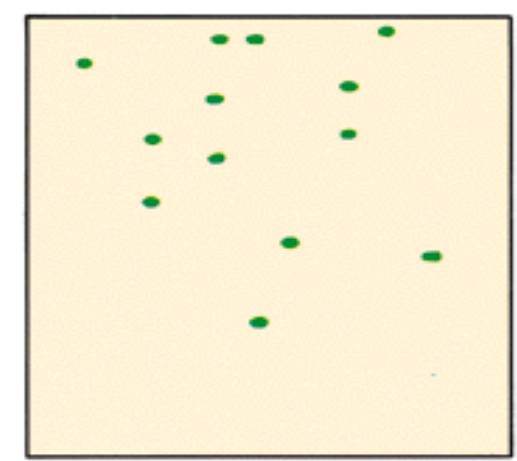


# Isoelectric Focusing



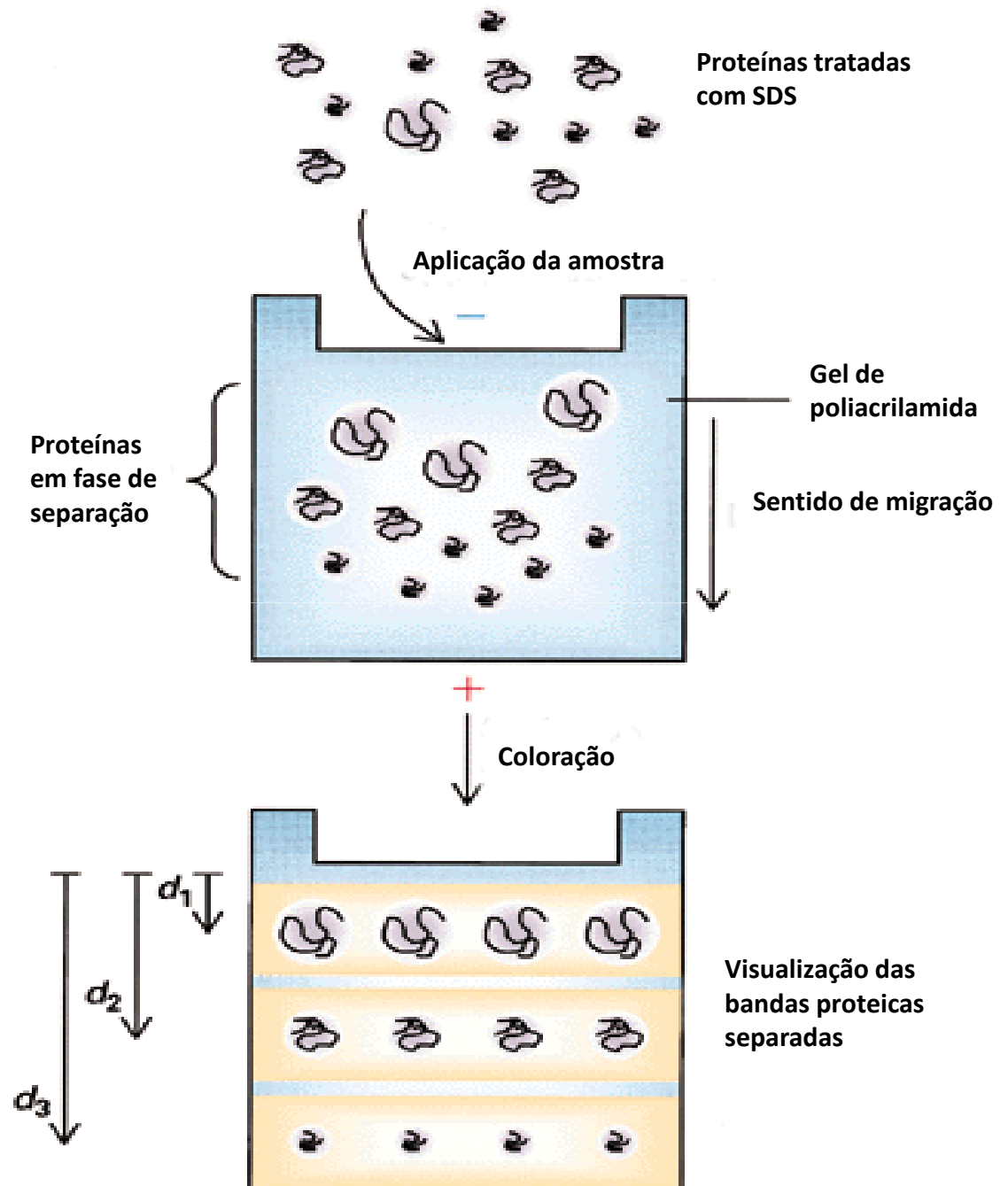


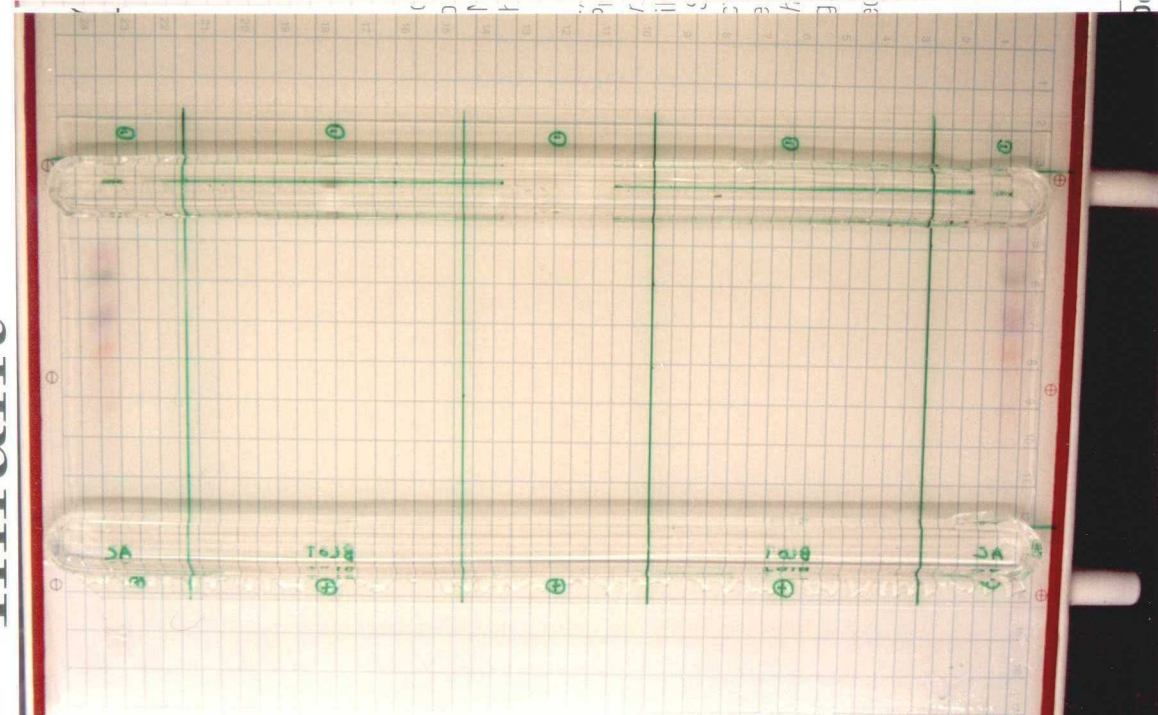
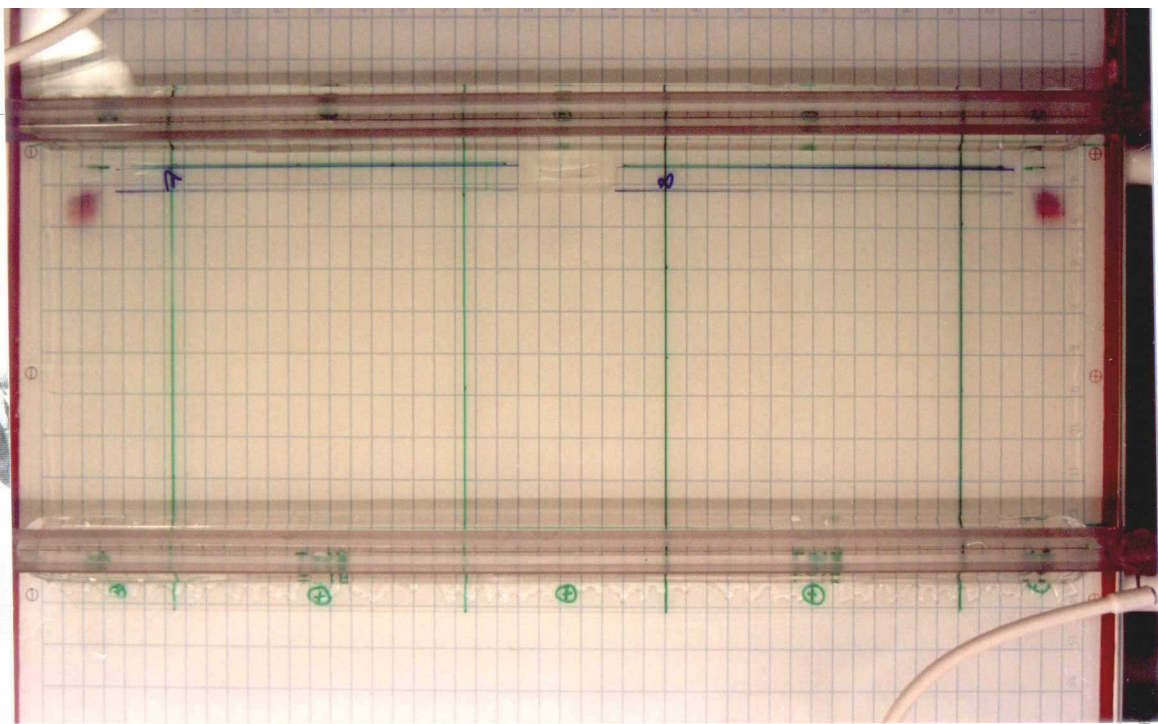
Aplicação do 1º gel sobre o 2º



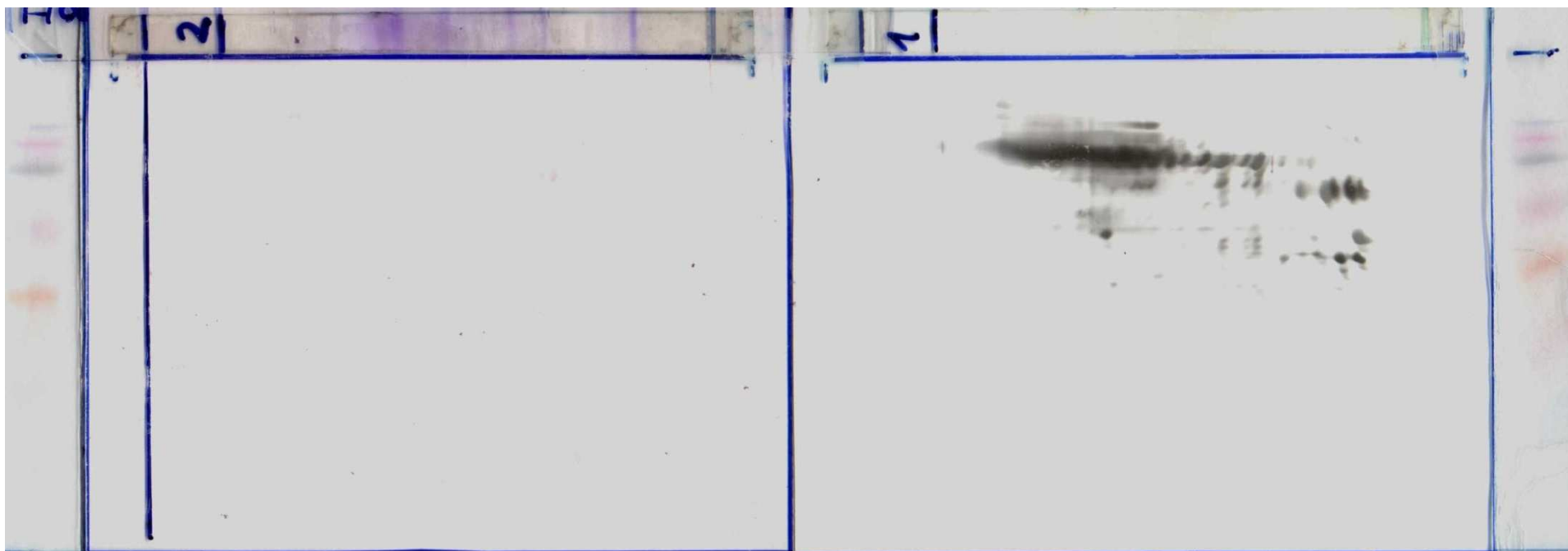
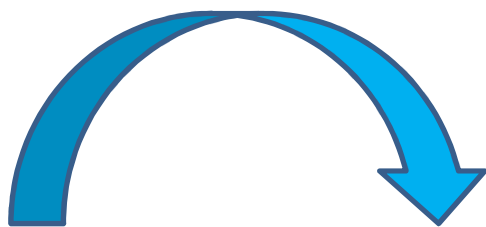
SDS PAGE

# SDS PAGE

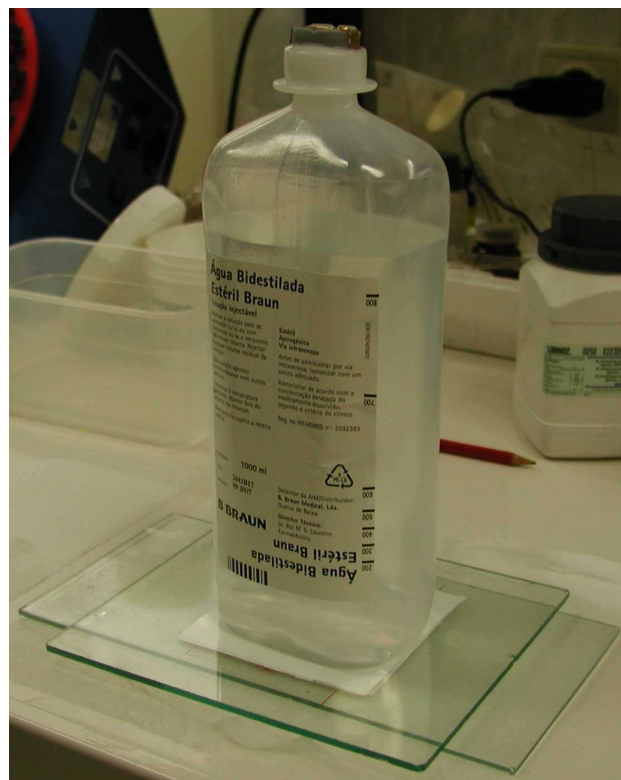
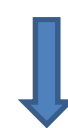
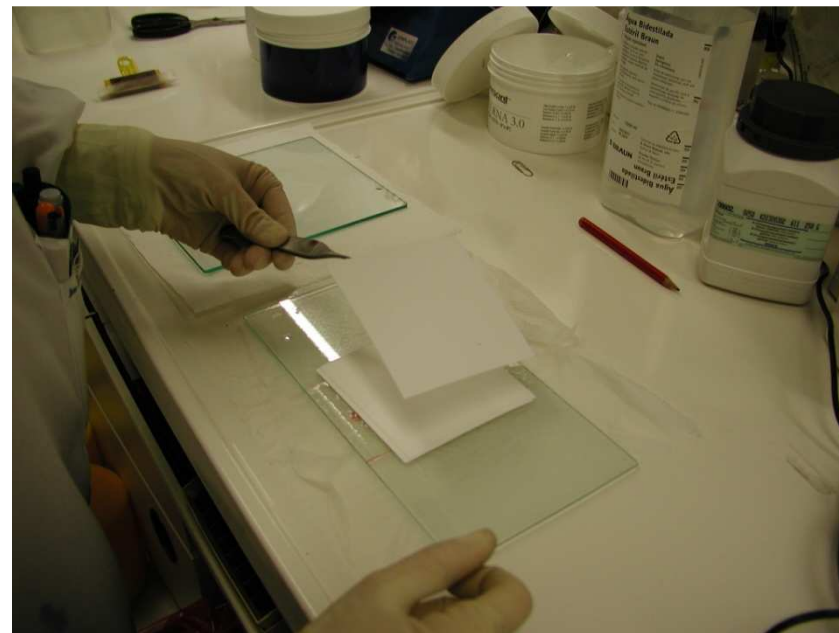




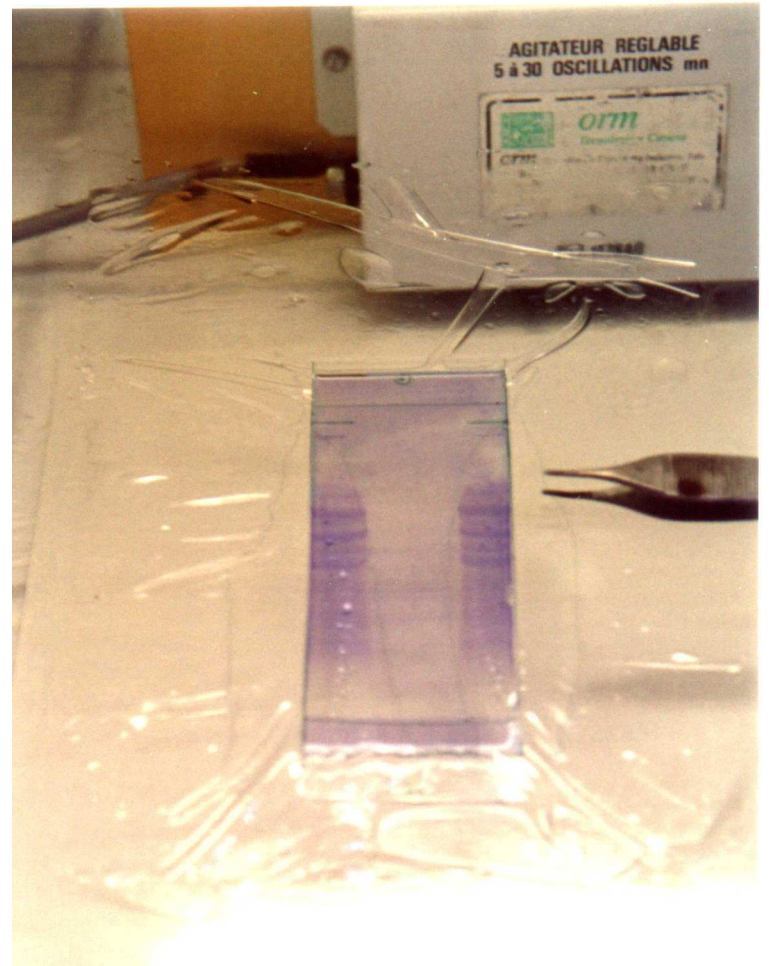
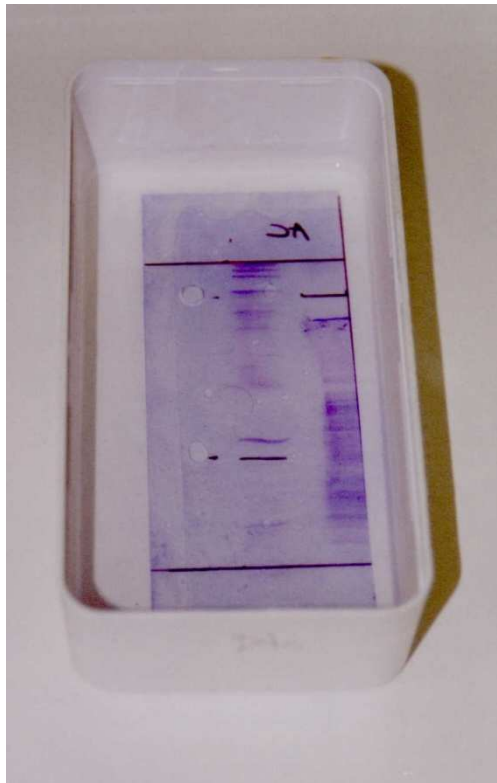
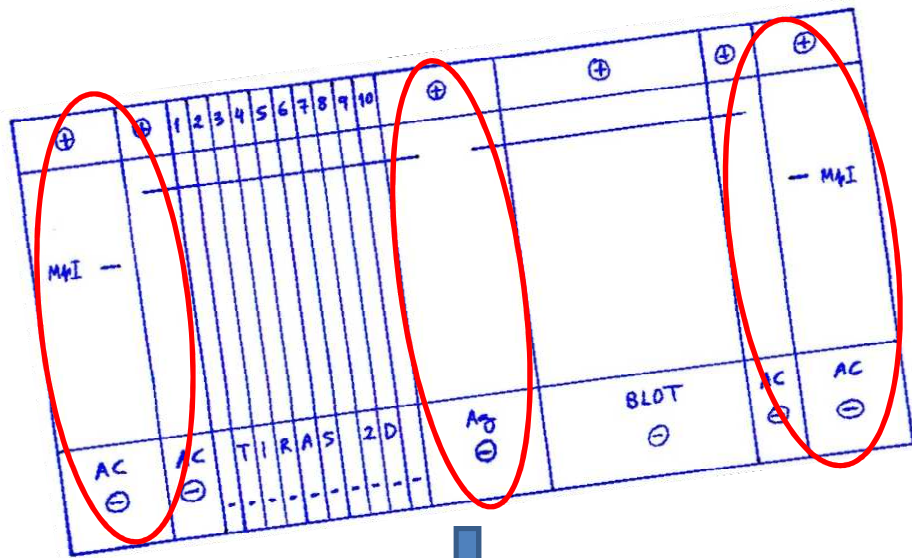
ATTN

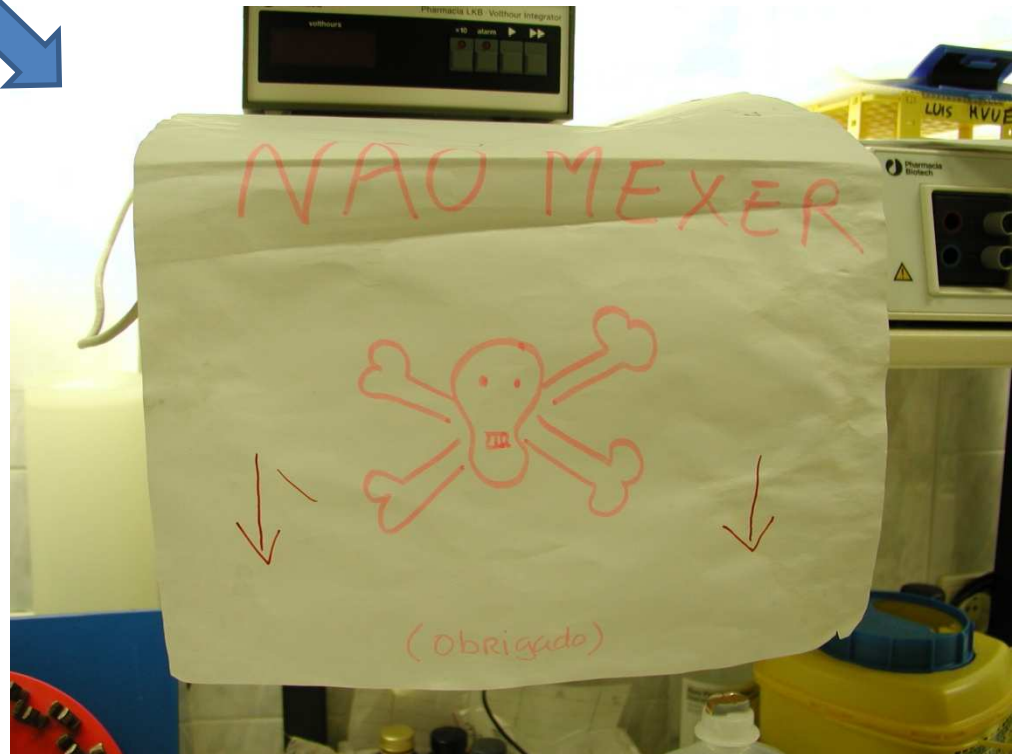
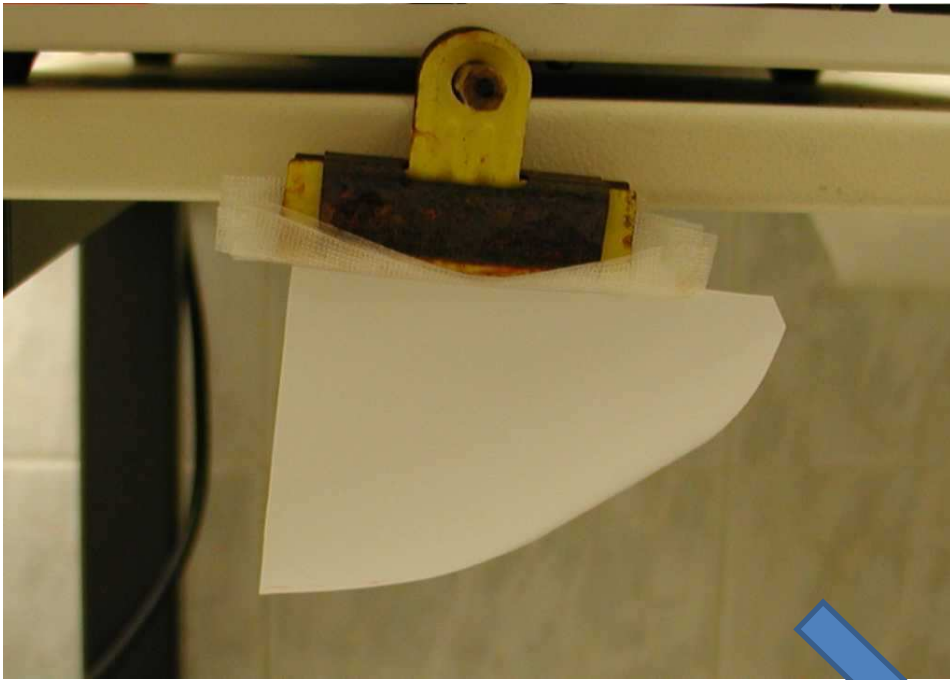


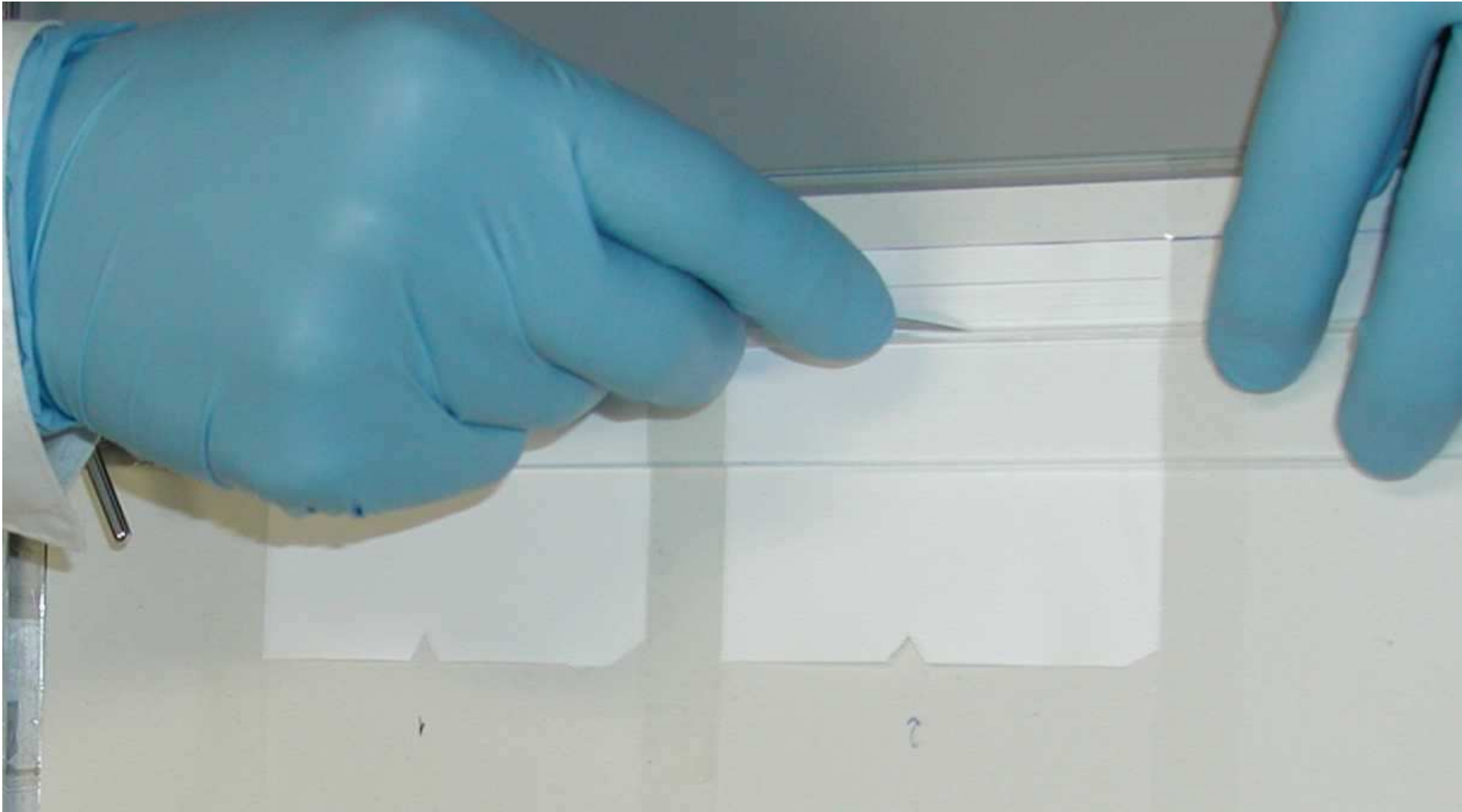
+	+	1	2	3	4	5	6	7	8	9	10	+	+	+
MHI -														- MHI
AC	AC	T	R	A	S	2	D					Ag	BLOT	AC
⊖	⊖	-	-	-	-	-	-	-	-	-	-	⊖	⊖	⊖





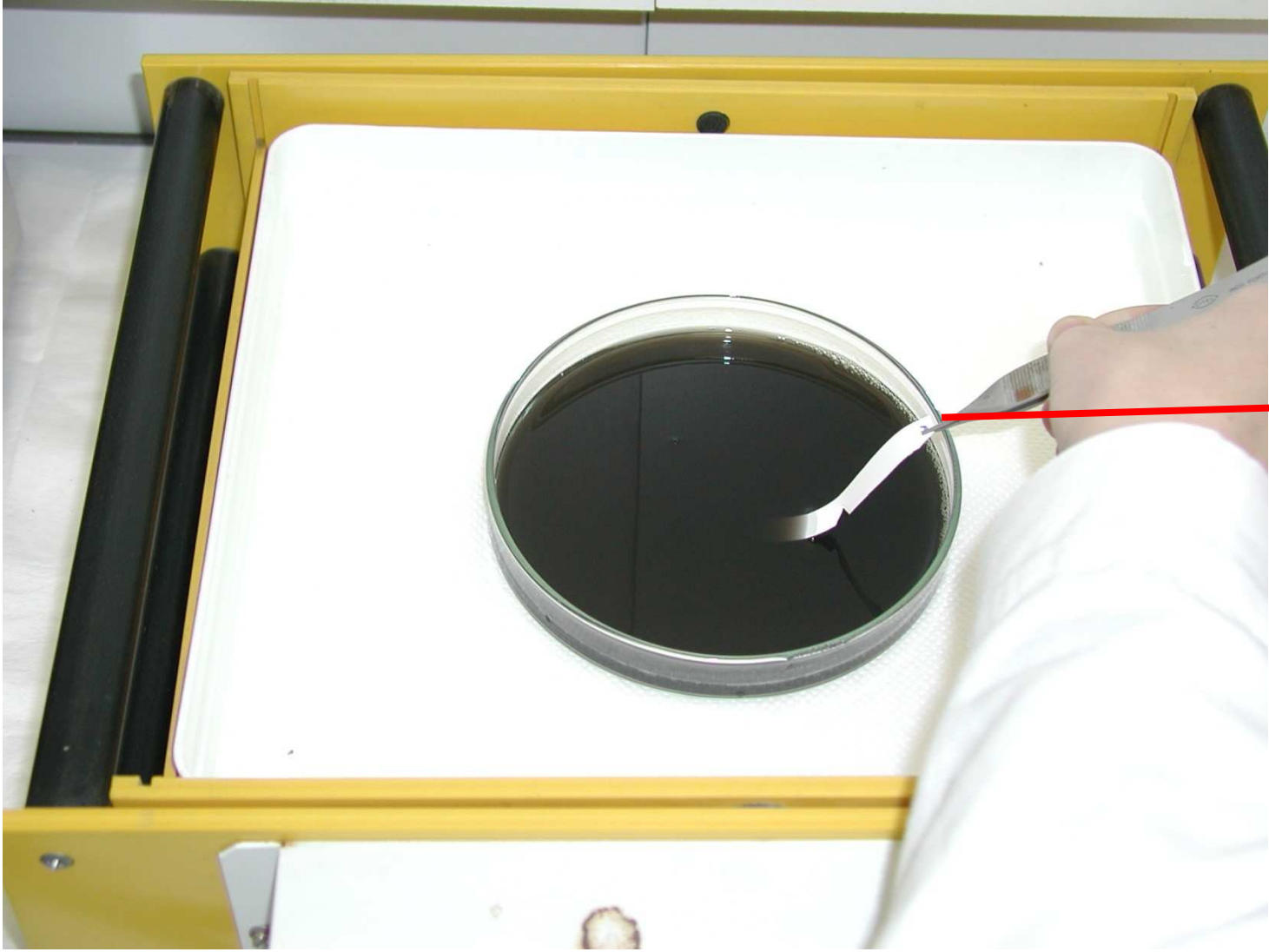


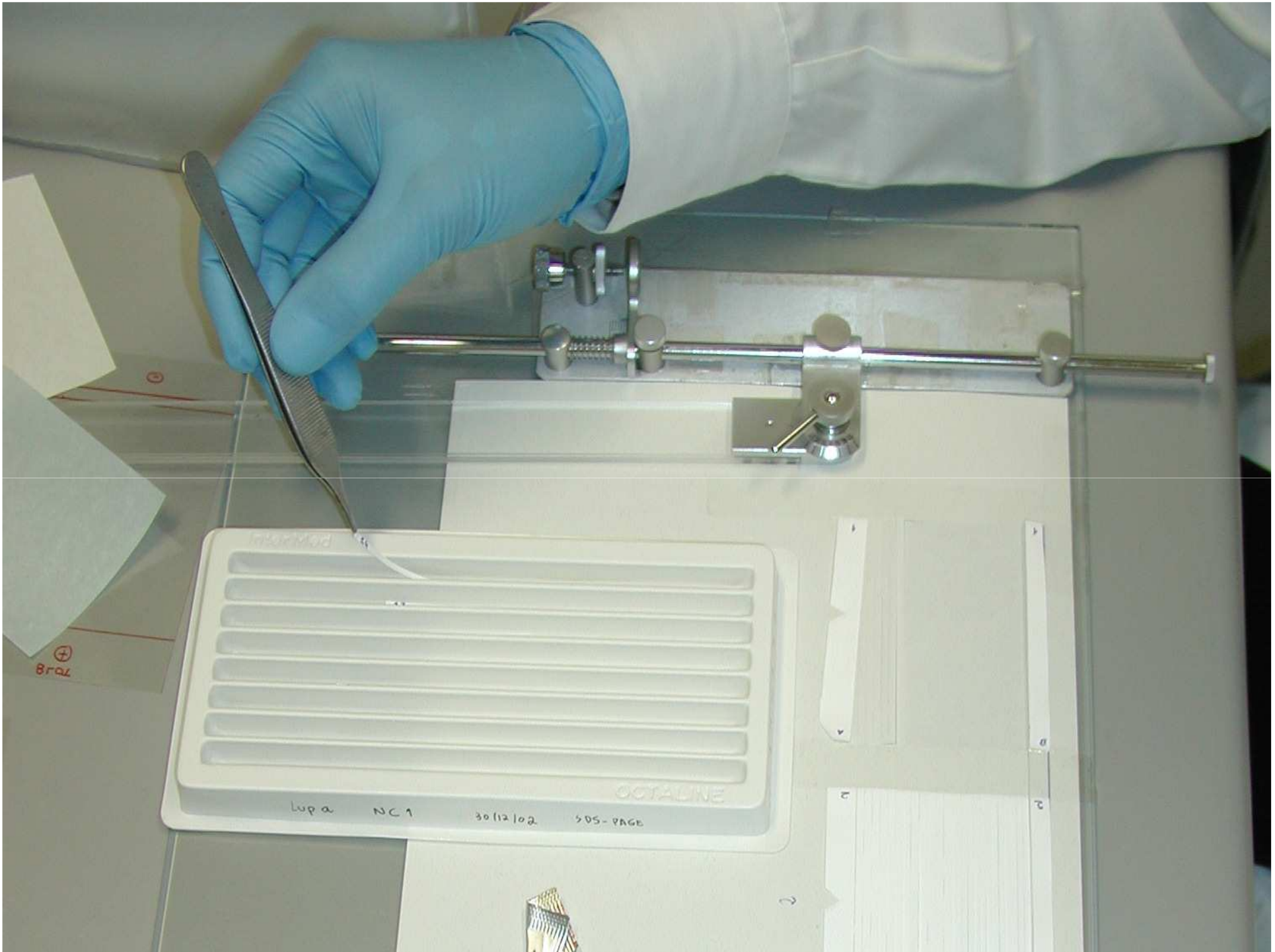












**NBT, BCIP**

Substrato

**2º Anticorpo**

**IgG(Fc)-AP-Conjugado**

**AP**

**NBT (red.)**

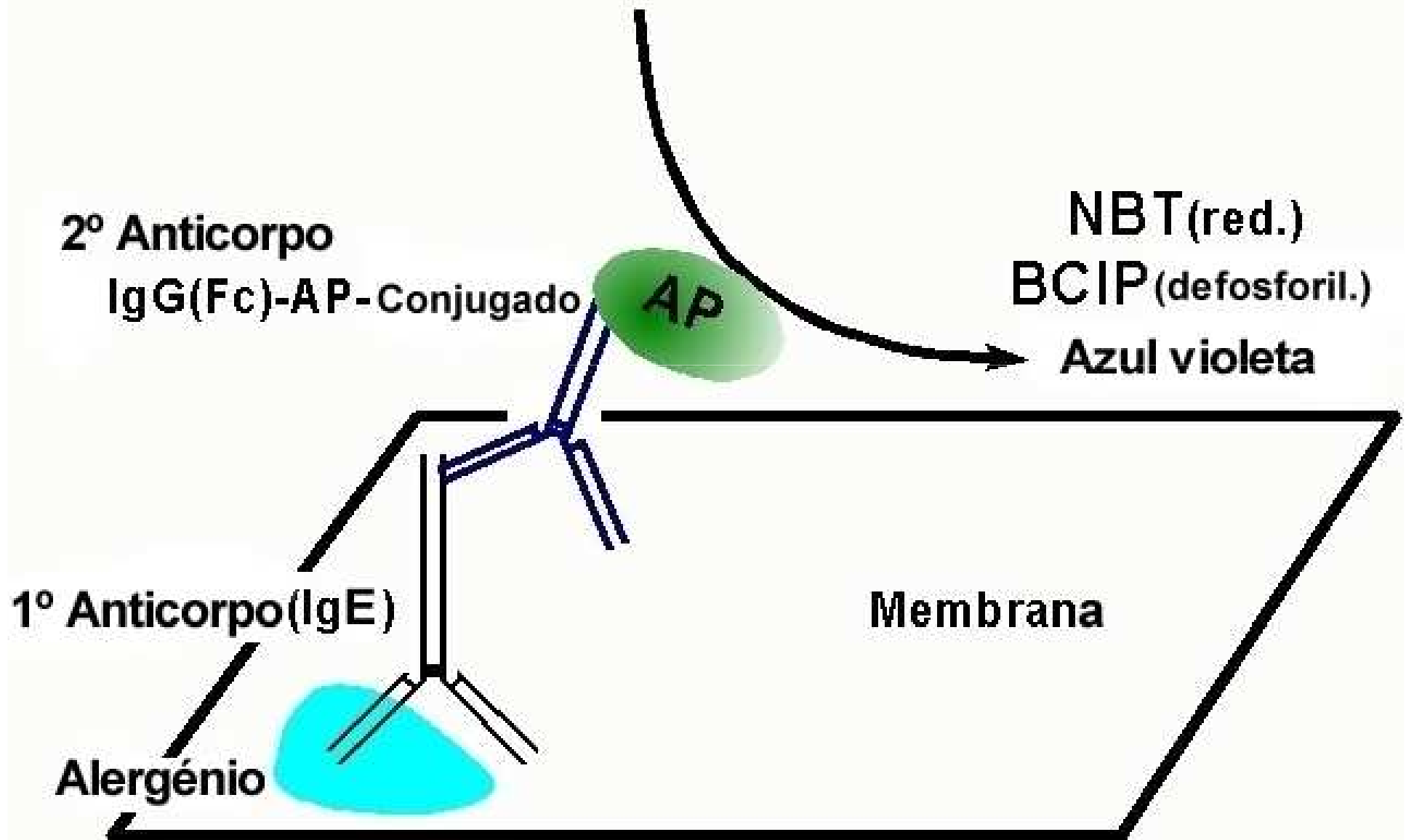
**BCIP (defosforil.)**

**Azul violeta**

**1º Anticorpo (IgE)**

**Alergénio**

**Membrana**

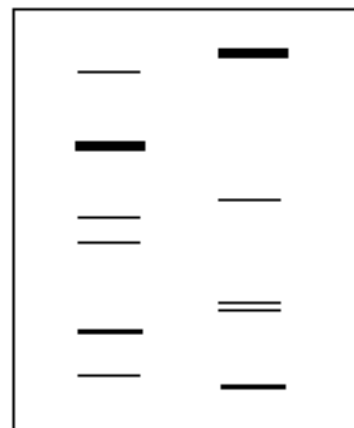




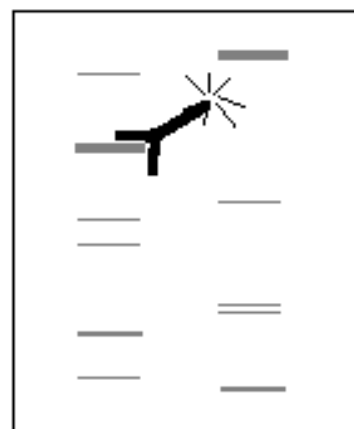
Blot proteico  
sobre membrana



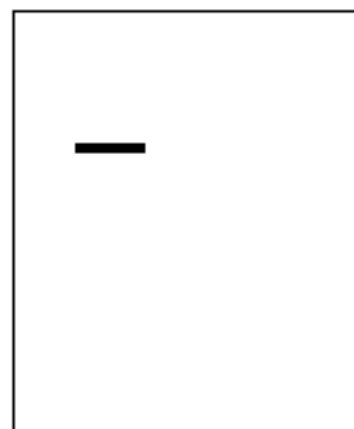
Separação proteica  
em gel de poliacrilamida



Reconhecimento  
por IgE específicas



Revelação das  
IgE fixadas

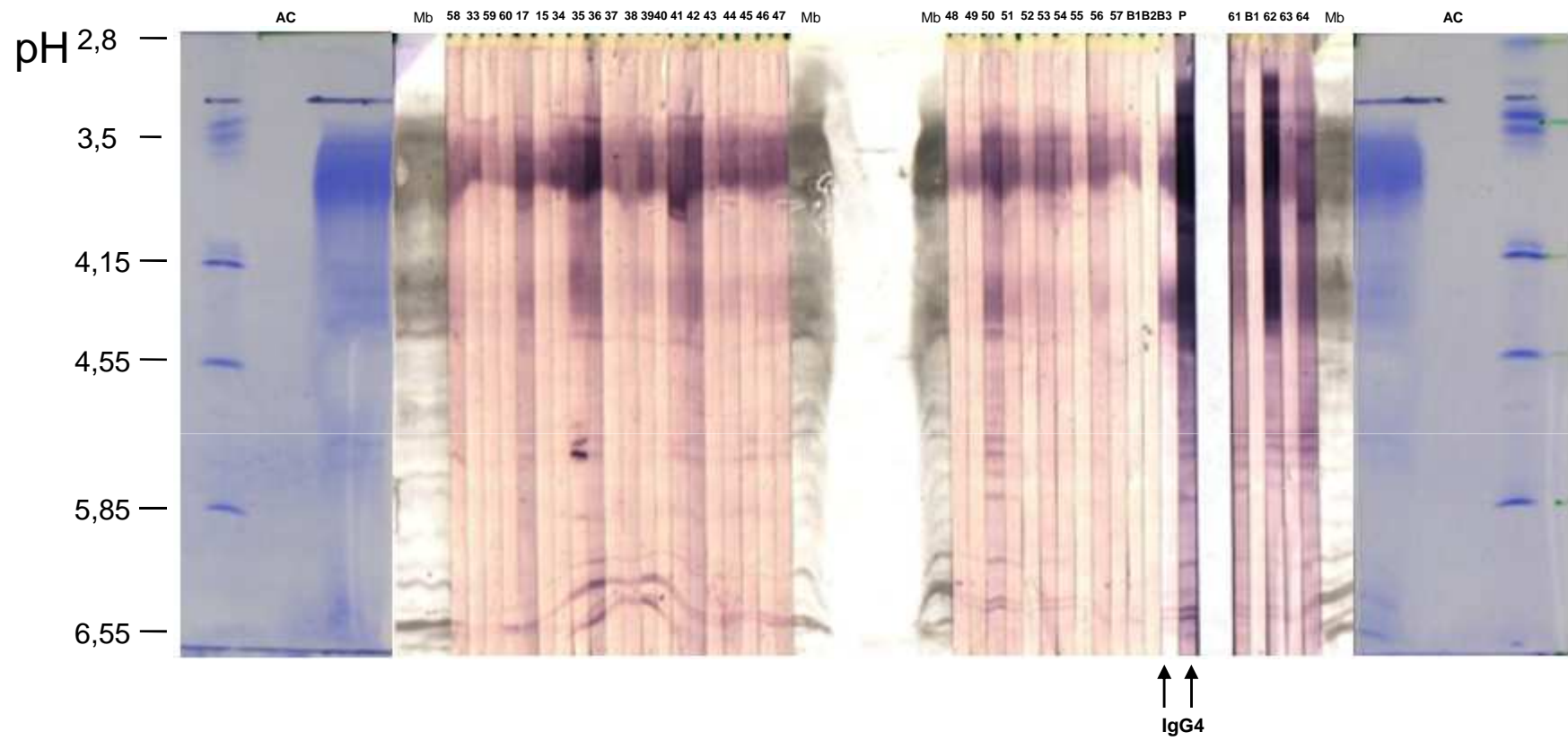


Alergénio(s)  
reconhecido(s)

OCTALINE

PPA-544

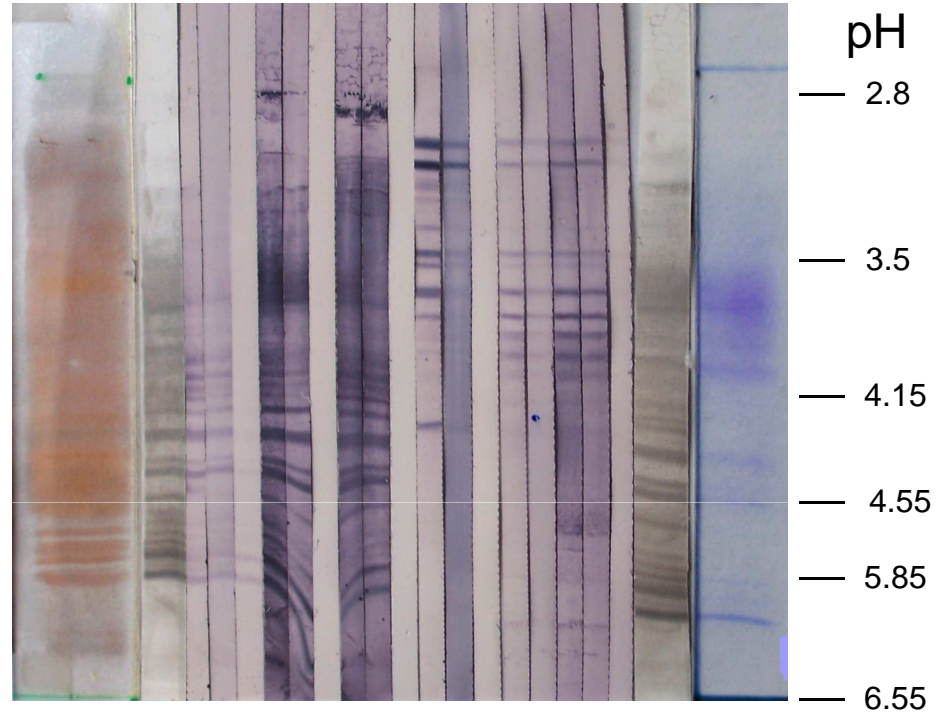


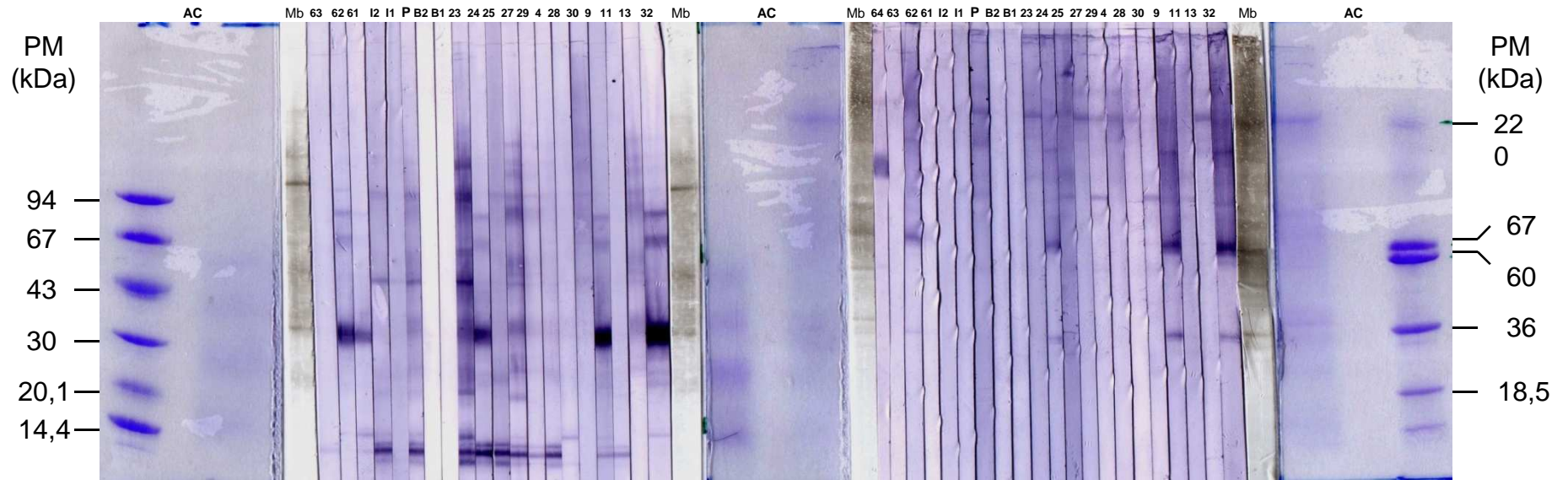


pH



Ag Mb P1 P2 B M Mi B T Ti B MPMPi B MLMLi TS TSi P1i Mb AC

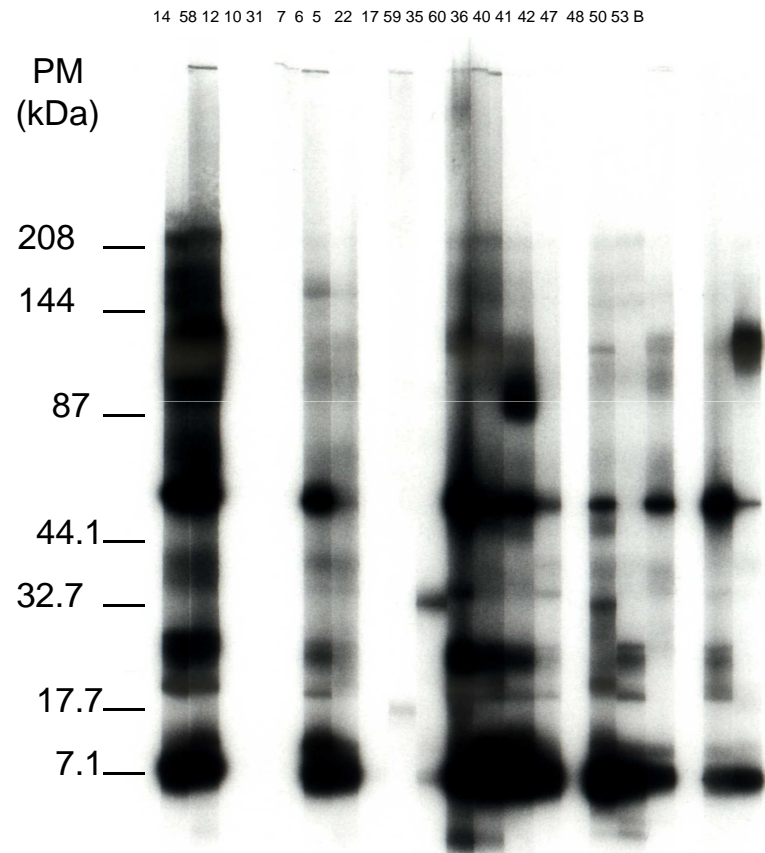




*D. pteronyssinus*

*H. aspersa*

*D. pteronyssinus*



*H. aspersa*

