

iGEM2013 – Microbiology – BMB – SDU	
Title: Kinating probe for northern blot	Date issued: 2013.08.28
SOP number: SOP0028_v01	Review date: 2013.08.28
Version number: 01	Written by: PRA

1. Purpose

To kinate probe with radioactive phosphorus.

2. Area of application

All DNA and RNA probes

3. Apparatus and equipment

Apparatus/equipment	Location (Room number)	Check points	Criteria for approval/rejection
Heating block		•	
Pipette p10		•	
		•	
		•	
		•	
		•	
		•	

4. Materials and reagents – their shelf life and risk labelling

Name	Components	Supplier / Cat. #	Room (hallway storage)	Safety considerations
RNA or DNA probe		Sigma Aldrich		
T4 polynucleotide		NEB/M0201S		

9. Waste handling

Chemical name	Concentration	Type of waste (C, Z...)	Remarks

10. Time consumption

- 1 hours
- 15 min hands on time

11. Scheme of development

Date / Initials	Version No.	Description of changes
13.08.28 / PRA	01	The SOP has been written
13.08.28 /	01	The SOP has been approved

12. Appendices