Biomolecular Resource Facility
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Microarray Request Form

BRF Affymetrix Microarray provides a service that includes total RNA purification, cDNA synthesis, biotin labelling, chip hybridisation, washing and staining, chip scanning and preliminary data analysis.

Table 1. General information

Name:	**Date:**
School/Institution:	**Division:**
Tel:	**Email:**
Account No.:	**Authorisation:**
Office Use Only	**BRF Account Number:** R-42570-06
Date Completed:	**Customer Signature:**
Total cost (A$):	

Table 2. Service required.

Sample Name	**Full service**	**Partial service I**	**Partial service II**	**Aditional Service**			**Cost**
				1	**2**	**3**	
1.							
2.							
3.							
4.							
5.							
6.							
Test 3 chip from BRF	**Number:**						
Total cost							
Comments							

Please tick the service you require for each sample.

Table 3a. Information on samples to be provided to the BRF (for full service samples).

Sample Name	Information provided			Complete (yes/no)
	RNA picture (√)	A_{260nm}/A_{280nm}	Concentration (μg/μl)	
1.				
2.				
3.				
4.				
5.				
6.				

Table 3b. Information on samples to be provided to the BRF (for partial service I samples).

Sample Name	Information provided					Complete (yes/no)
	RNA picture(√)	RNA A_{260nm}/A_{280nm}	RNA Concentration (μg/μl)	RNA (μg) transcribed	PCR picture(√)	
1.						
2.						
3.						
4.						
5.						
6.						

Table 3c. Information on samples to be provided to the BRF (for partial service II samples).

Sample Name	Information provided					Complete (yes/no)
	cRNA picture(√)	Fragmented cRNA picture(√)	cRNA A_{260nm}/A_{280nm}	cRNA Concentration (μg/μl)	Total RNA Concentration (μg/μl)	
1.						
2.						
3.						
4.						
5.						
6.						

Please attach your gel pictures together with Tables 1, 2 and 3a or 3b or 3c.

Enquiries: Dr. Kaiman Peng Tel: 0407212219
Microarray Coordinator Email: Kaiman.Peng@anu.edu.au

Information to assist you with filling in the request form:

Table 4. BRF Affymetrix Microarray price list.

BRF Service	Description	Price
Full service	Starting from user's total RNA to hybridisation with 1 Test3 chip and 1 experimental chip (excludes cost of chip)	$ 850
Partial service I	Starting from user's double-stranded cDNA to hybridisation with 1 Test3 chip and 1 experimental chip (excludes cost of chip)	$ 630
Partial service II	Starting from user's fragmented cRNA to hybridisation with 1 Test3 chip and 1 experimental chip (excludes cost of chip)	$ 300
Additional service	Applying the used hybridisation mixture to 1 additional experimental chip	$ 100
Test 3 Array	GeneChip Test 3 Array	$ 350

Table 5. Information required according to service:

BRF Service	Information to be provided
Full service	Total RNA gel picture, concentration and ratio of A_{260nm} to A_{280nm}
Partial service I	1. Total RNA gel picture, concentration and ratio of A_{260nm} to A_{280nm}
	2. The amount of total RNA used in cDNA synthesis
	3. Using double-stranded DNA as template, PCR amplify at least 1 housekeeping gene (eg. GAPDH and/or Beta-actin gene for mouse). Attach gel picture of PCR product, sequence information for genes and primers and conditions for PCR reactions. (This information will enable us to repeat PCR if necessary.)
Partial service II	1. cRNA gel picture and fragmented cRNA gel picture
	2. Concentration of cRNA and ratio of A_{260nm} to A_{280nm}
	3. The amount of total RNA left in the cRNA sample
Please note: If the information required is not provided, we will proceed with the service but accept no responsibility for samples that do not work.	

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