

# ASA

Australian Society for Antimicrobials

ABN : 31 081 739 370



PO Box 8266  
Angelo Street  
South Perth  
Western Australia 6151

☎ (08) 9224 2446  
FAX: (08) 9450 8553  
✉ [info@asainc.net.au](mailto:info@asainc.net.au)

1<sup>st</sup> August 2012

Prepared by: Geoffrey Coombs  
ASA Executive Officer

To: [ohpflexiblefunds@health.gov.au](mailto:ohpflexiblefunds@health.gov.au)  
Department of Health and Ageing  
Australian Government

Health Surveillance Fund RFQ No.2-2012  
Revised Quotation for the Provision of services for Antimicrobial Resistance Surveillance

On behalf of the Australian Society for Antimicrobials (ASA) and the Australian Group for Antimicrobial Resistance (AGAR), I wish to submit the attached revised quotation for the provision of services for antimicrobial resistance surveillance.

In summary the following revisions have been made:

2012/2013

- 2012 Community Onset Staphylococcus aureus Programme  
Testing per isolate reduced from \$10 to \$5 per isolate (-15,500)
- 2012 Community Onset Enterobacteriaceae Programme  
Testing per isolate reduced from \$10 to \$5 per isolate (-15,500)
- 2013 Community and Hospital Onset Enterococcus Sepsis Survey  
Testing per isolate reduced from \$20 to \$10 per isolate (-15,000)  
Remove epidemiological typing (-90,000)

2013/2014

- 2013 Community and Hospital Onset Staphylococcus aureus Sepsis Programme  
Testing per isolate reduced from \$20 to \$10 per isolate (-30,000)
- 2013 Community and Hospital Onset Enterobacteriaceae Sepsis Programme  
Testing per isolate reduced from \$20 to \$10 per isolate (-55,000)
- 2014 Community and Hospital Onset Enterococcus Sepsis Survey  
Testing per isolate reduced from \$20 to \$10 per isolate (-15,000)  
Remove epidemiological typing (-17,750)



2014/2015

2014 Community and Hospital Onset Staphylococcus aureus Sepsis Programme

Testing per isolate reduced from \$20 to \$10 per isolate (-30,000)

2014 Community and Hospital Onset Enterobacteriaceae Sepsis Programme

Testing per isolate reduced from \$20 to \$10 per isolate (-60,000)

2015 Community and Hospital Onset Enterococcus Sepsis Survey

Testing per isolate reduced from \$20 to \$10 per isolate (-15,000)

Remove epidemiological typing (-23,375)

Whole of Project Costs – GST Inclusive (Summary)

2012/2013 \$388,879

2013/2014 \$433,178

2014/2015 \$451,014

Total \$1,273,071

Previous submission whole of project cost: \$1,693,408. This represents a budget reduction of \$420,337 (GST inclusive)

The budget revisions for each programme have been highlighted in the revised quotation.

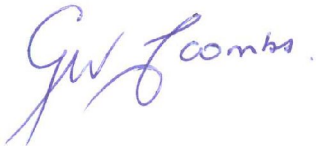
Consequences of Budget Reduction

The revised reimbursement per isolate is not a true indication of the costs accrued by each laboratory for the time required for collecting the requested data and referring the isolates for each programme. The programmes however will be performed with the ongoing goodwill of the staff from the 31 participating laboratories.

Comprehensive molecular typing of organisms collected in a national surveillance programme provides information regarding the emergence and distribution of specific pathogenic strains as well as the spread of resistance determinants. Although molecular epidemiological typing of isolates from the Enterococcus Sepsis programmes will not be performed, all isolates will be stored for future analysis.

Please do not hesitate to contact me or the AGAR Chair, Professor John Turnidge, if you require any further information on the proposed programmes

Kind regards



Geoffrey Coombs  
ASA Executive Officer



## Whole of Project Costs

### 1. 2012/2013

- 31 participants participating in three AGAR surveillance programmes
  - 2012 Community Onset Staphylococcus aureus Programme
  - 2012 Community Onset Enterobacteriaceae Programme
  - 2013 Community and Hospital Onset Enterococcus Sepsis Programme
- Epidemiological typing of MRSA and Enterococcus species
- PCR detection of Panton-Valentine leukocidin (PVL) in MRSA
- Molecular Characterisation of resistance mechanisms in Enterobacteriaceae

#### AGAR Scientific Officers (1.5FTE)

Cost based on a P2.3 Senior Medical Scientist position plus on-costs (as per the Western Australian Enterprise Bargaining Agreement with the WA Hospital Salaried Union)

##### 1.0 FTE Scientific Officer (Julie Pearson)

Based at: Department of Microbiology and Infectious Diseases

Royal Perth Hospital, PathWest Laboratory Medicine – WA, Western Australia

Collate, analyse and prepare data from the S aureus and Enterococcus programmes for publication and for the website

Responsible for coordinating AGAR activities, printing of the minutes and procedures, and maintaining the AGAR website ([www.antimicrobials-resistance.com](http://www.antimicrobials-resistance.com)).

Salary	\$94,712
On Costs	
Annual Leave Loading (1.73%)	\$1,638
Long Service Leave (3.04%)	\$2,879
Worker's Compensation (3.19%)	\$3,021
Superannuation (9.00%)	\$8,524
Total	\$110,774

##### 0.5 FTE Scientific Officer (Jan Bell)

Based at: Department of Microbiology and Infectious Diseases

Women's and Children's Hospital, SA-Pathology, South Australia

Collate, analyse and prepare data from the Enterobacteriaceae programme for publication and for the website

Salary	\$47,356
On Costs	
Annual Leave Loading (1.73%)	\$819
Long Service Leave (3.04%)	\$1,439
Worker's Compensation (3.19%)	\$1,511
Superannuation (9.00%)	\$4,262
Total	\$55,387

Total \$166,161



## Reagents

### 2012 Community Onset Staphylococcus aureus Programme (31 laboratories)

Vitek Antimicrobial Susceptibility Cards (Supply and delivery) \$14,233

Testing (\$5 per isolate) \$15,500 (Based on 3,100 isolates)

### 2012 Community Onset Enterobacteriaceae Programme (31 laboratories)

Vitek Antimicrobial Susceptibility Cards (Supply and delivery) \$14,233

Testing (\$5 per isolate) \$15,500 (Based on 3,100 isolates)

### 2013 Community and Hospital Onset Enterococcus Sepsis Programme (31 laboratories)

Testing (\$10 per isolate) \$15,000 (Based on 1,500 isolates)

## Epidemiological typing of MRSA from the 2012 Community Onset Staphylococcus aureus Programme

Pulsed Field Gel Electrophoresis 600 @ \$35 per isolate	\$21,000
Coagulase PCR-RFLP 100 @ \$10 per isolate	\$1,000
SCCmec PCR 20 @ \$140 per isolate	\$2,800
MLST 18 @ \$200 per isolate	\$3,600
Urea Broths 600 @ \$1 per isolate	\$600
Resistogram 100 @ \$3 per isolate	\$300
Mupirocin 200 Disc 100 @ \$1 per isolate	\$100
Cefoxitin Discs 600 @ \$1 per isolate	\$600
<b>Total</b>	<b>\$30,000</b>

## Panton-Valentine leukocidin PCR Screening of community MRSA isolates from the 2012 Community Onset Staphylococcus aureus Programme

PCR 600 @ \$5 per isolate	\$3,000
------------------------------	---------



Molecular Characterisation of Resistance Mechanisms in Enterobacteriaceae from the 2012 Community Onset Enterobacteriaceae Programme

Epidemiological Characterisation \$10,000

Epidemiological typing of Enterococcus from the 2013 Community and Hospital Onset Enterococcus survey

**Total \$0**

Meetings

November 2012 (Sydney)  
AGAR Executive Meeting (All day)

Attendance: One representative from each participant and the Executive  
Delegates: 11  
Airmfares required: 9 (\$4,735)  
Accommodation/Breakfast required: 4 (\$1,000)  
Venue: Qantas Meeting Rooms (Friday) (\$1,265)

\$7,000

May 2013 (Sydney)  
AGAR Executive Meeting/AGAR Committee Meeting

Attendance: AGAR Committee  
Delegates: 63  
Airmfares required: 47 (\$23,380)  
Accommodation/Breakfast required: 20 (\$5,000)  
Qantas Meeting Rooms (Thursday) (\$1,265)  
Venue: Novotel Brighton Beach (Friday) (\$5,355)

\$35,000

Isolate Long Term Storage (-80°C)

Centralised Storage

Western Australia

1 Freezer Shelf (\$2,500)  
4,600 isolates @ \$2 (\$9,200)

South Australia

1 Freezer Shelf (\$2,500)  
3,100 isolates @ \$2 (\$6,200)

\$20,400

Liability and Professional Indemnity Insurance \$7,500

Liability insurance is required by the Department of Health.



2012/2013 Budget

Item	Cost	GST	Total
November 2012 Meeting	7,000	700	7,700
May 2013 Meeting	35,000	3,500	38,500
MRSA Typing	30,000	3,000	33,000
MRSA PVL	3,000	300	3,300
Enterococcus Typing	0	0	0
Enterobacteriaceae Characterisation	10,000	1,000	11,000
Scientific Officers	166,161	16,616	182,777
S aureus			
Vitek Cards	14,233	1,423	15,656
Laboratories	15,500	1,550	17,050
Enterobacteriaceae			
Vitek Cards	14,233	1,423	15,656
Laboratories	15,500	1,550	17,050
Enterococcus			
Laboratories	15,000	1,500	16,500
Storage of Isolates	20,400	2,040	22,440
Insurance	7,500	750	8,250
<b>TOTAL</b>	<b>353,527</b>	<b>35,352</b>	<b>388,879</b>



## 2. 2013/2014

- 31 participants participating in three AGAR surveillance programmes
  - 2013 Community and Hospital Onset Staphylococcus aureus Sepsis Programme
  - 2013 Community and Hospital Onset Enterobacteriaceae Sepsis Programme
  - 2014 Community and Hospital Onset Enterococcus Sepsis Programme
- Epidemiological typing of S aureus MRSA and Enterococcus species (Subset)
- PCR detection of Panton-Valentine leukocidin (PVL) in S aureus (Subset)
- Molecular characterisation of resistance in Enterobacteriaceae

### AGAR Scientific Officers (1.5FTE)

Cost based on a P2.3 Senior Medical Scientist position plus on-costs (as per the Western Australian Enterprise Bargaining Agreement with the WA Hospital Salaried Union)

#### 1.0 FTE Scientific Officer (Julie Pearson)

Based at: Department of Microbiology and Infectious Diseases

Royal Perth Hospital, PathWest Laboratory Medicine – WA, Western Australia

Collate, analyse and prepare data from the S aureus and Enterococcus programmes for publication and for the website

Responsible for coordinating AGAR activities, printing of the minutes and procedures, and maintaining the AGAR website ([www.antimicrobials-resistance.com](http://www.antimicrobials-resistance.com))

Salary	\$98,501
On Costs	
Annual Leave Loading (1.73%)	\$1,704
Long Service Leave (3.04%)	\$2,994
Worker's Compensation (3.19%)	\$3,053
Superannuation (9.00%)	\$8,865
Total	\$115,117

#### 0.5 FTE Scientific Officer (Jan Bell)

Based at: Department of Microbiology and Infectious Diseases

Women's and Children's Hospital, SA-Pathology, South Australia

Collate, analyse and prepare data from the Enterobacteriaceae programme for publication and for the website

Salary	\$49,250
On Costs	
Annual Leave Loading (1.73%)	\$852
Long Service Leave (3.04%)	\$1,497
Worker's Compensation (3.19%)	\$1,526
Superannuation (9.00%)	\$4,432
Total	\$57,557
Total	\$172,674

## Reagents



2013 Community and Hospital Onset Staphylococcus aureus Sepsis Programme (31 laboratories)

Testing (\$10 per isolate) \$30,000 (Based on 3,000 isolates)

2013 Community and Hospital Onset Enterobacteriaceae Sepsis Programme (31 laboratories)

Testing (\$10 per isolate) \$55,000 (Based on 5,5000 isolates)

2014 Community and Hospital Onset Enterococcus Sepsis Programme (31 laboratories)

Testing (\$10 per isolate) \$15,000 (Based on 1,500 isolates)

Epidemiological typing of S aureus from the 2013 Community and Hospital Onset Staphylococcus aureus Sepsis Programme  
Subset of 500 isolates (250 MSSA and 250 MRSA)

Pulsed Field Gel Electrophoresis 500 @ \$35 per isolate	\$17,500
Coagulase PCR-RFLP 50 @ \$10 per isolate	\$500
SCCmec PCR 10 @ \$140 per isolate	\$1,400
MLST 10 @ \$200 per isolate	\$2,000
Urea Broths 500 @ \$1 per isolate	\$500
Resistogram 50 @ \$3 per isolate	\$150
Mupirocin 200 Disc 75 @ \$1 per isolate	\$75
Cefoxitin Discs 500 @ \$1 per isolate	\$500
Total	\$22,625

Panton-Valentine leukocidin PCR Screening of S aureus from the 2013 Community and Hospital Onset Staphylococcus aureus Sepsis Programme  
Subset of 500 isolates (250 MSSA and 250 MRSA)

PCR 500 @ \$5 per isolate	\$2,500
------------------------------	---------

Molecular Characterisation of Resistance in Enterobacteriaceae from the 2013 Community and Hospital Onset Enterobacteriaceae Sepsis Programme

Epidemiological Characterisation \$20,000





Epidemiological typing of Enterococci from the 2014 Hospital and Community Onset Enterococcus survey

Subset of 0 isolates

Total \$0

Meetings

November 2013 (Sydney)  
AGAR Executive Meeting (All day)

Attendance: One representative from each participant and the Executive  
Delegates: 11

Airfares required: 9 (\$4,735)  
Accommodation/Breakfast required: 4 (\$1,000)  
Venue: Qantas Meeting Rooms (Friday) (\$1,265)

\$7,000

May 2013 (Melbourne)  
AGAR Executive Meeting/AGAR Committee Meeting

Attendance: AGAR Committee  
Delegates: 63  
Airfares required: 49 (\$24,380)  
Accommodation required: 20 (\$5,000)  
Qantas Meeting Rooms (Thursday) (\$1,265)  
Venue: Park Royal Hotel (Friday) (\$5,355)

\$36,000

Isolate Long Term Storage (-80°C)

Centralised Storage

Western Australia

1 Freezer Shelf (\$2,500)  
4,500 isolates @ \$2 (\$9,000)

South Australia

1 Freezer Shelf (\$2,500)  
5,500 isolates @ \$2 (\$11,000)

25,000

Liability and Professional Indemnity Insurance

\$8,000



2013/2014 Budget

Item	Cost	GST	Total
November 2013 Meeting	7,000	700	7,700
May 2014 Meeting	36,000	3,600	39,600
S aureus Typing	22,625	2,262	24,887
S aureus PVL	2,500	250	2,750
Enterococcus Typing	0	0	0
Enterobacteriaceae Characterisation	20,000	2,000	22,000
Scientific Officers	172,674	17,267	189,941
S aureus Laboratories	30,000	3,000	33,000
Enterobacteriaceae Laboratories	55,000	5,500	60,500
Enterococcus Laboratories	15,000	1,500	16,500
Storage of Isolates	25,000	2,500	27,500
Insurance	8,000	800	8,800
<b>TOTAL</b>	<b>393,799</b>	<b>39,379</b>	<b>433,178</b>



### 3. 2014/2015

- 31 participants participating in three AGAR surveillance programmes
  - 2014 Community and Hospital Onset Staphylococcus aureus Sepsis Programme
  - 2014 Community and Hospital Onset Enterobacteriaceae Sepsis Programme
  - 2015 Community and Hospital Onset Enterococcus Sepsis Programme
- Epidemiological typing of S aureus MRSA and Enterococcus species (Subset)
- PCR detection of Panton-Valentine leukocidin (PVL) in S aureus (Subset)
- Molecular characterisation of resistance in Enterobacteriaceae

#### AGAR Scientific Officers (1.5FTE)

Cost based on a P2.3 Senior Medical Scientist position plus on-costs (as per the Western Australian Enterprise Bargaining Agreement with the WA Hospital Salaried Union)

##### 1.0 FTE Scientific Officer (Julie Pearson)

Based at: Department of Microbiology and Infectious Diseases

Royal Perth Hospital, PathWest Laboratory Medicine – WA, Western Australia

Collate, analyse and prepare data from the S aureus and Enterococcus programmes for publication and for the website

Responsible for coordinating AGAR activities, printing of the minutes and procedures, and maintaining the AGAR website ([www.antimicrobials-resistance.com](http://www.antimicrobials-resistance.com))

Salary	\$98,501	
On Costs		
Annual Leave Loading (1.73%)	\$1,704	
Long Service Leave (3.04%)	\$2,994	
Worker's Compensation (3.19%)	\$3,053	
Superannuation (9.00%)	\$8,865	
Total	\$115,117	
Plus 3% (estimated)		\$118,570

##### 0.5FTE Scientific Officer (Jan Bell)

Based at: Department of Microbiology and Infectious Diseases

Women's and Children's Hospital, SA-Pathology, South Australia

Collate, analyse and prepare data from the Enterobacteriaceae programme for publication and for the website

Salary	\$49,250	
On Costs		
Annual Leave Loading (1.73%)	\$852	
Long Service Leave (3.04%)	\$1,497	
Worker's Compensation (3.19%)	\$1,526	
Superannuation (9.00%)	\$4,432	
Total	\$57,557	
Plus 3% (estimated)		\$59,283

Total \$177,853



## Reagents

2014 Community and Hospital Onset Staphylococcus aureus Sepsis Programme (31 laboratories)

Testing (\$10 per isolate) \$30,000 (Based on 3,000 isolates)

2014 Community and Hospital Onset Enterobacteriaceae Sepsis Programme (31 laboratories)

Testing (\$10 per isolate) \$60,000 (Based on 6,000 isolates)

2015 Community and Hospital Onset Enterococcus Sepsis Programme (31 laboratories)

Testing (\$10 per isolate) \$15,000 (Based on 1,500 isolates)

Epidemiological typing of S aureus from the 2014 Community and Hospital Onset Staphylococcus aureus Sepsis

Subset of 600 isolates (300 MSSA and 300 MRSA)

Pulsed Field Gel Electrophoresis 600 @ \$35 per isolate	\$21,000
Coagulase PCR-RFLP 60 @ \$10 per isolate	\$600
SCCmec PCR 15 @ \$140 per isolate	\$2,100
MLST 10 @ \$200 per isolate	\$2,000
Urea Broths 600 @ \$1 per isolate	\$600
Resistogram 60 @ \$3 per isolate	\$180
Mupirocin 200 Disc 80 @ \$1 per isolate	\$80
Cefoxitin Discs 600 @ \$1 per isolate	\$600
Total	\$27,160

Panton-Valentine leukocidin PCR Screening of S aureus from the 2014 Community and Hospital Onset Staphylococcus aureus Sepsis

Subset of 600 isolates (300 MSSA and 300 MRSA)

PCR 600 @ \$5 per isolate	\$3,000
------------------------------	---------

Molecular Characterisation of Resistance in Enterobacteriaceae from the 2014 Community and Hospital Onset Enterobacteriaceae Sepsis Programme



Epidemiological Characterisation	\$20,000
Epidemiological typing of Enterococci from the 2015 Hospital and Community Onset Enterococcus survey	
Subset of 0 isolates	
Total	\$0
Meetings	
November 2014 (Melbourne) AGAR Executive Meeting (All day)	
Attendance: One representative from each participant and the Executive Delegates: 11	
Airfares required: 9 (\$4,735)	
Accommodation/Breakfast required: 4 (\$1,000 @ \$250pp)	
Venue: Qantas Meeting Rooms (Friday) (\$1,265 @ \$115pp)	
	\$7,000
May 2015 (Sydney) AGAR Executive Meeting/AGAR Committee Meeting	
Attendance: AGAR Committee	
Delegates: 63	
Airfares: 49 (\$24,380)	
Accommodation/Breakfast required: 20 (\$5,000)	
Qantas Meeting Rooms (Thursday) (\$1,265)	
Venue: Park Royal Hotel (Friday) (\$5,355)	
	\$36,000
Isolate Long Term Storage (-80°C)	
Centralised Storage	
Western Australia	
1 Freezer Shelf (\$2,500)	
4,500 isolates @ \$2 (\$9,000)	
South Australia	
1 Freezer Shelf (\$2,500)	
6,000 isolates @ \$2 (\$12,000)	
	26,000
Liability and Professional Indemnity Insurance	\$8,000



2014/2015 Budget

Item	Cost	GST	Total
November 2014 Meeting	7,000	700	7,700
May 2015 Meeting	36,000	3,600	39,600
S aureus Typing	27,160	2,716	29,876
S aureus PVL	3,000	300	3,300
Enterococcus Typing	0	0	0
Enterobacteriaceae Characterisation	20,000	2,000	22,000
Scientific Officers	177,853	17,785	195,638
S aureus Laboratories	30,000	3,000	33,000
Enterobacteriaceae Laboratories	60,000	6,000	66,000
Enterococcus Laboratories	15,000	1,500	16,500
Storage of Isolates	26,000	2,600	28,600
Insurance	8,000	800	8,800
<b>TOTAL</b>	<b>410,013</b>	<b>41,001</b>	<b>451,014</b>

Whole of Project Costs – GST Inclusive (Summary)

2012/2013 \$388,879

2013/2014 \$433,178

2014/2015 \$451,014

Total \$1,273,071

The corporate costs of running AGAR are provided gratis by the Australian Society for Antimicrobials



## PARTICIPANTS (31)

State	Participant	Medical	Scientific
Qld (6)	Pathology Qld Central Laboratory	G Nimmo	N George
	Pathology Qld Princess Alexandra Hospital	J Faoagali	G Lye
	Pathology Qld Gold Coast	P Derrington	S Dal-Cin
	Sullivan Nicolaides Pathology	J Robinson	G Peachey
	Pathology Qld Prince Charles Hospital	C Coulter	S Coulter
	Pathology Qld Cairns Base Hospital	E Binotto	B Thomsett
NSW (8)	SWAPS	I Gosbell	A Le Cordier
	Royal North Shore Hospital	G Kotsiou	P Huntington
	Royal Prince Alfred Hospital	C McLeod	B Watson
	Westmead Hospital	D Mitchell	L Thomas
	Nepean Hospital	J Branley	D Barbaro
	Concord Hospital	T Gottlieb	G Robertson
	John Hunter Hospital	J Ferguson	J Anderson
	Douglass Hanly Moir Pathology	M Paul	TBA
VIC (6)	Alfred Hospital	D Spelman	M Huysmans
	Royal Women's Hospital	S Garland	G Gonis
	St Vincent's Hospital	M-J Waters	L Joyce
	Gribbles Pathology	J Andrew	D Olden
	Austin Hospital	B Howden	P Ward
	Monash Hospital	T Korman	D Kotsanas
ACT (1)	Canberra Hospital	P Collignon	S Bradbury
NT (1)	Darwin Hospital	R Baird	J Hennessy
Tas (2)	Royal Hobart Hospital	L Cooley	R Peterson
	Launceston Hospital	M Rele	K Wilcox
SA (3)	IMVS	M Warner	F Manno
	Flinders Medical Centre	K Papandoum	N Wells
	Women's and Children's Hospital	J Turnidge	J Bell
WA (4)	PathWest Royal Perth Hospital	K Christiansen	G Coombs
	PathWest Fremantle Hospital	D McGeachie	R Wake
	PathWest QEII	R Murray	B Henderson
	Saint John of God Pathology	V D'Abrera	S Budalich

