



United Kingdom National External Quality Assessment Service for Microbiology

[Established 1971]

15 and 16 October 2008

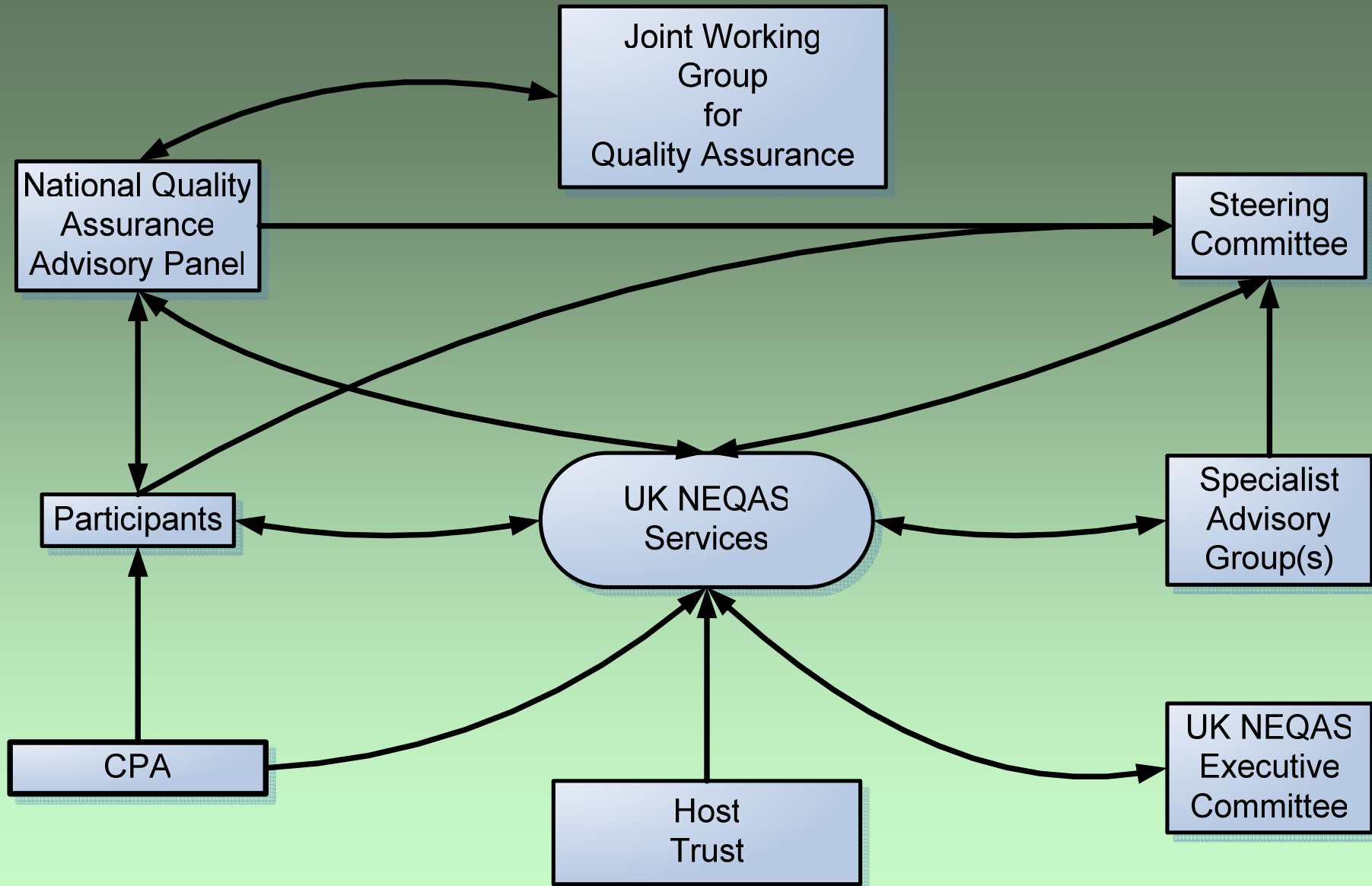
Biagnostica - Portugal



UK NEQAS covers

Andrology	male fertility investigations
Chemistry	blood chemical components
Genetics	genetic analysis
Haematology	blood cellular components and blood grouping
Histopathology	structure and function of body tissues
Immunology	components of the immune system in blood
Leucocyte Immunophenotyping	immune monitoring of white blood cells
Microbiology	infectious agents & antibiotics





15 and 16 October 2008

Biagnostica - Portugal



Participation Statistics for 2007 to 2008

- 32 schemes
- 125 distributions
- 424 different specimens
- 151,032 specimens sent
- 1655 registered laboratories
- 45 countries
- 9553 participating laboratories
 - ie. labs registered for 5.8 schemes on average

PARTICIPATION IN UK NEQAS FOR MICROBIOLOGY 2008

	Austria	48		Greenland	1		Morocco	1		Switzerland	74
	Bahrain	1		Hong Kong	13		Netherlands	32		Tanzania	1
	Belgium	34		Iceland	3		Norway	17		Turkey	65
	Croatia	9		Ireland	62		Poland	1		UAE	5
	Cyprus	10		Israel	35		Portugal	227		Uganda	2
	Denmark	53		Italy	267		Qatar	1		UK	432
	Finland	34		Kenya	2		Romania	14		USA	2
	France	3		Kuwait	15		Saudi Arabia	1		Vietnam	1
	Gambia	1		Lao People's Democratic Republic	1		Sierra Leone	1		Zimbabwe	1
	Germany	18		Macau	1		Slovenia	19			
	Gibraltar	1		Malawi	2		South Africa	34			
	Greece	50		Malta	1		Sweden	81			

and 16 October

Biognostica - al



Clinical Microbiology EQA Schemes



Bacteriology

AAFB microscopy
Antimicrobial Susceptibility
Community Medicine
General bacteriology & Antimicrobial Susceptibility
General bacteriology (ID only)
Mycobacterium culture
Syphilis serology

Molecular

HBV DNA quantification
Hepatitis C RNA detection
HIV1 RNA quantification
Molecular detection of C. trachomatis
Molecular detection of viruses in CSF
CMV DNA quantification
Molecular detection of mycobacteria

Mycology

Mycology culture

Parasitology

Blood parasitology
Faecal parasitology
Parasite serology
Toxoplasma serology
Toxoplasma IgM serology

Virology

Anti-HBs detection
Blood Borne Virus
Diagnostic serology (exanthem screen)
Diagnostic serology (hepatitis screen)
Hepatitis B serology
Hepatitis C serology
HIV serology
Immunity screen
Rubella IgG serology
Virus identification

Size and Complexity

	Bacteriology	Virus isolation
No. distributions per year	12	2
No. specimens per annum	36	8
No. UK participants	294	56
No. non-UK participants	475	55
Total no. participants	769	111

Why choose UK NEQAS?

- Comprehensive coverage clinical microbiology
- High frequency of distributions
- International comparability
- Country specific performance
- Operate to stringent, defined quality standards
- Fast turnaround times
- Fully accredited schemes

Accreditation Standards

Standards based on:

ISO 9001

Quality management systems - requirements

ISO/IEC 17025:1999

General requirements for the competence of testing and calibration laboratories

ISO Guide 43 parts 1 and 2:1997

Proficiency testing by interlaboratory comparisons:

- (1) *Development and operation of proficiency testing Schemes*
- (2) *Selection and use of proficiency testing Schemes by laboratory accreditation bodies*

ILAC G13:2000

Guidelines for the requirements for the competence of providers of proficiency testing Schemes

Under development: **ISO 17043**

15 and 16 October 2008

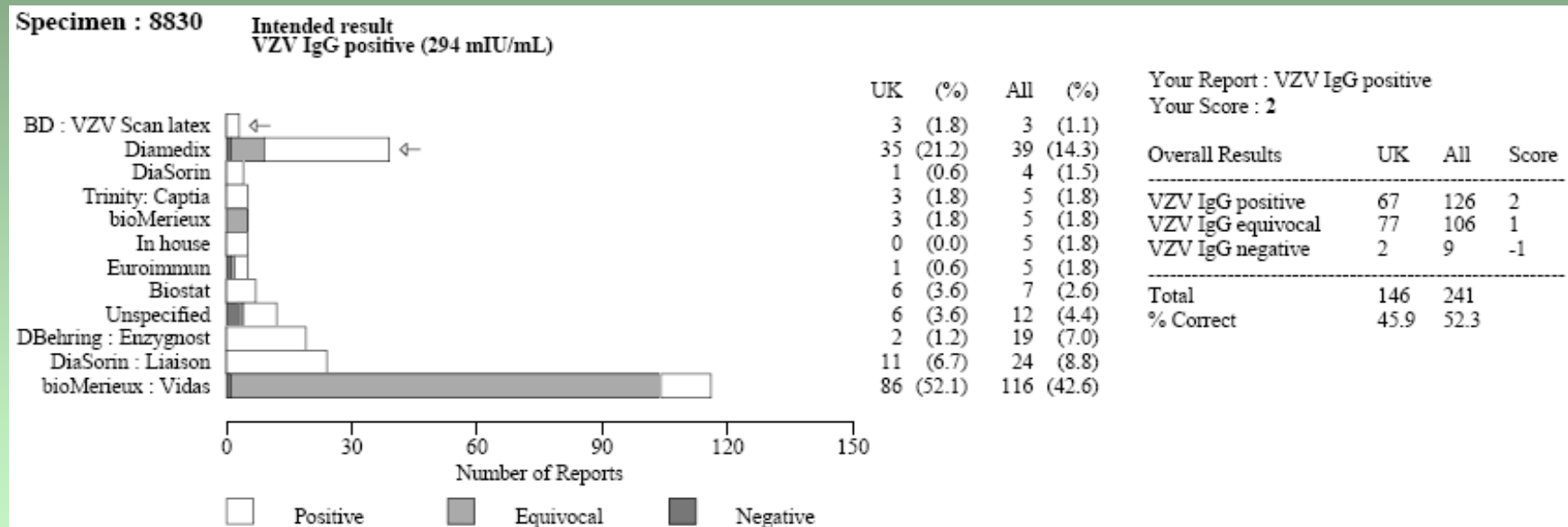
Biognostica - Portugal



Report formats

- **Qualitative** (Serology schemes: HIV, HBV, HCV, Toxoplasma, Immunity screen, Diagnostic serology, Syphilis)
- **Quantitative** (Anti-HBs, Rubella, HCV RNA Detection, HIV1 RNA quantification, HBV DNA quantification)
- **Named pathogen** (General Bacteriology, Virus Identification, Faecal and Blood Parasitology, Mycology, Mycobacterium Culture, Molecular detection of Viruses in CSF)
- **Antimicrobial and Antifungal Susceptibility**

Serology scheme results are presented so that laboratories can compare results by methods



Welcome to the United Kingdom National External Quality Assessment Service (UK NEQAS) for Microbiology website, the internet home of the leading provider of external quality assessment schemes in microbiology.

This site contains resources for both current and potential participants in our schemes.

Please browse the site and should you need any further information, please feel free to contact us.

Results and Reports

[LOG IN](#)

Repeat Specimens

[ORDER](#)

Participant Info

HIV-1 RNA Quantification
Re-scheduled distribution
[more info...](#)

USER DAY 2008: Registration
form and programme
[more info...](#)

[EARSS 2008](#)[The Basis of EQA](#)[Benefits of EQA](#)[Why Choose UK NEQAS?](#)[Countries Participating](#)[Register](#)[F.A.Q.s](#)[Links](#)[Recent Searches](#)

Report or Results Selection

Lab Laboratory: **9999**

Centre **UK NEQAS
Microbiology**

Scheme	UK NEQAS for Anti-HBs detection	Report	Dist	Result	Latest
Scheme	UK NEQAS for AAFB microscopy	Report	Dist	Result	Latest
Scheme	UK NEQAS for Antimicrobial susceptibility	Report	Dist	Result	2362 /22-09-2008
Scheme	UK NEQAS for Anti-fungal susceptibility	Report	Dist	Result	Latest
Scheme	UK NEQAS for Blood borne viruses	Report	Dist	Result	Latest
Scheme	UK NEQAS for Hepatitis B DNA quantification	Report	Dist	Result	Latest

New schemes

Introduced 2007

- CMV DNA quantification
- Antifungal susceptibility
- Molecular detection of mycobacteria

In development

- Measles/Mumps serology
- MRSA screening
- HPV DNA detection.....



2009/13/18