

REACH YOUR TARGET WITH HUMEQAS

Keep your customers loyal and address new targets
offering online proficiency testing



HumEQAS

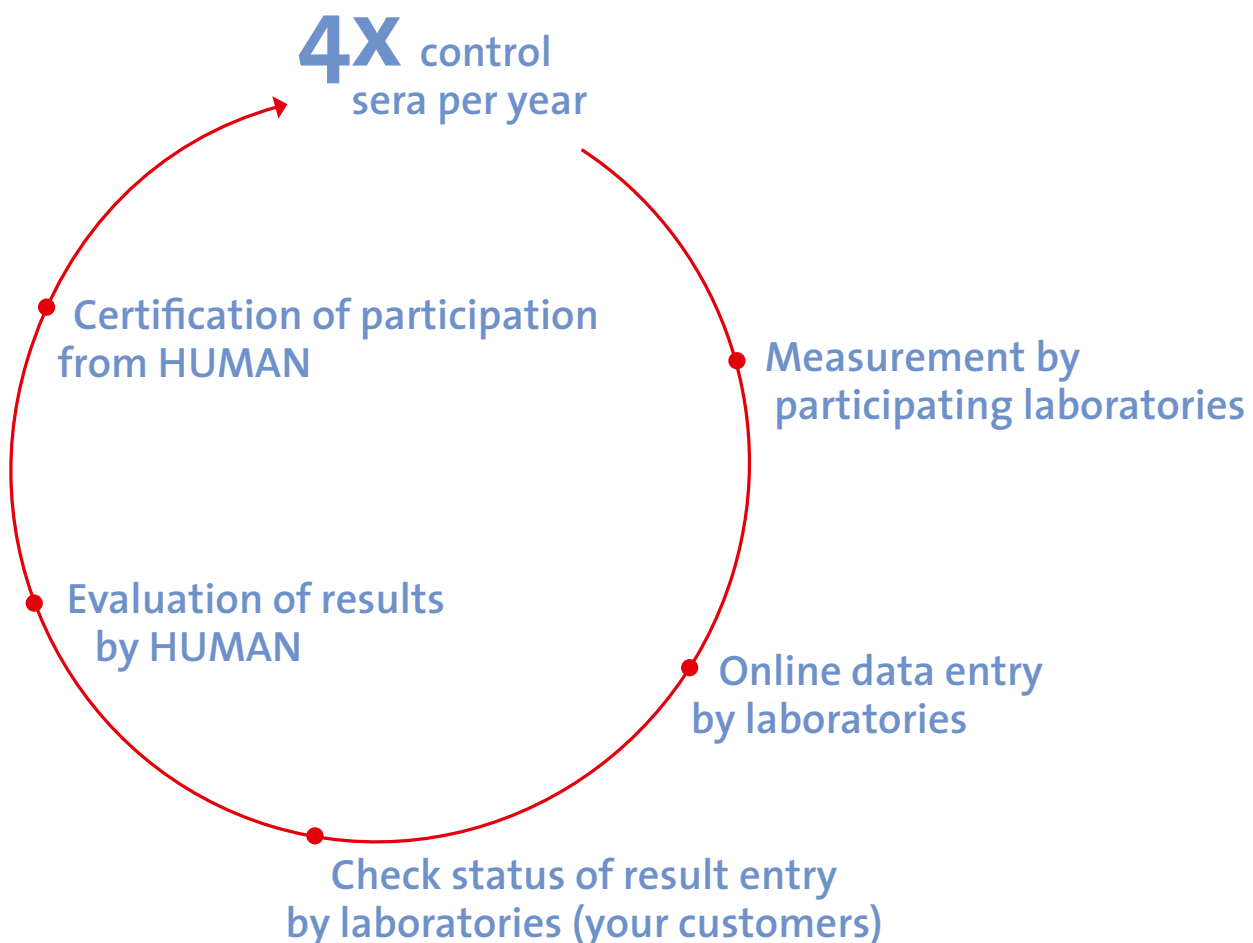
HUMAN External Quality Assessment Service

WELCOME TO HUMEQAS – HUMAN'S EXTERNAL QUALITY ASSESSMENT SERVICE

All over the world the demand for standardisation and quality control in clinical diagnostics is developing rapidly. HUMAN takes care of this development. With HumEQAS HUMAN provides a service that will be available to all laboratories worldwide.* HumEQAS is designed to support you and your customers.

WHAT IS HUMEQAS?

HumEQAS is HUMAN's web based, international proficiency test programme for external quality control. It helps laboratories ensure that their test results are precise, reliable and comparable, irrespective of where in the world they are obtained.



HOW DOES HUMEQAS WORK?

As our partner, you are the intermediary between HUMAN and the laboratories. You order and receive the freeze dried HumEQAS control sera four times a year and send them to the participating laboratories.

The control sera are used as blank samples to determine the HumEQAS laboratory parameters. Either the laboratory or you enter the resulting data, and the test results can also be accessed through the web portal. HUMAN evaluates the results and issues a certificate confirming the participants' success in the programme.

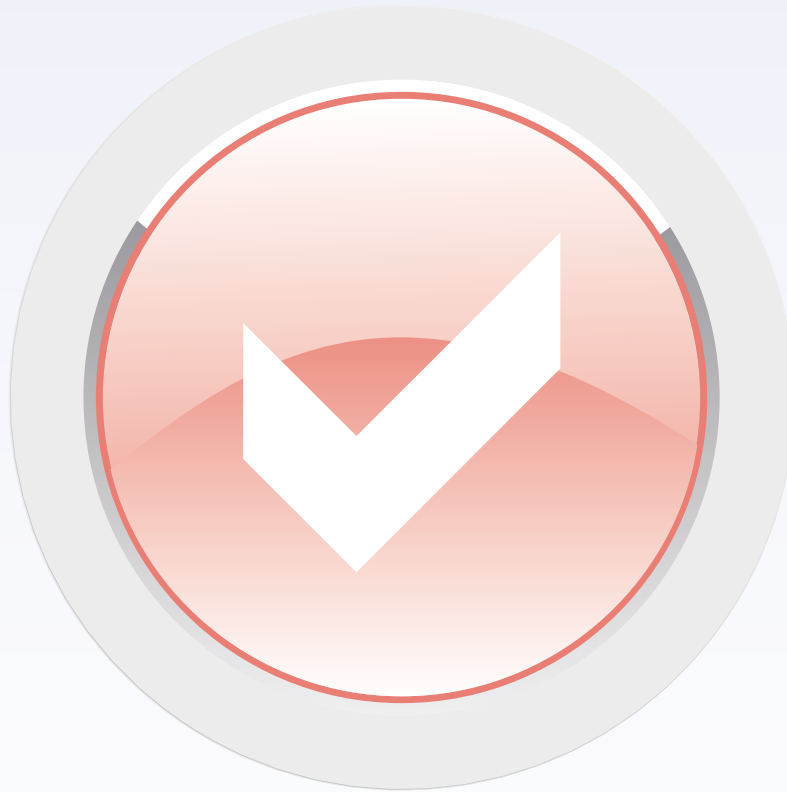
AVAILABLE WORLDWIDE AND STABLE:

The lyophilized control sera are stored and transported at 2 to 8°C.



HumEQAS

BENEFITS FOR YOUR CUSTOMERS



- **QUALITY CONTROL**

Regular external review provides your customers with certainty about the diagnostic quality of their work.

- **INCREASED DIAGNOSTIC QUALITY**

Systematic errors are identified so you can avoid them in the future.

- **ASSESSMENT OF STATUS QUO**

Your customers can compare the measured results and thus their performance at national and international levels.

- **COMPETITIVENESS**

National requirements* may allow your customers to participate in training and qualification measures.

- **USER FRIENDLINESS**

Customers can easily register, log in and enter and access results online. If your customers lack internet access, you as a HUMAN distributor can handle these steps for them.

- **RELIABILITY**

As a HUMAN distributor, you guarantee timely delivery of control samples.

- **IDENTICAL CONDITIONS**

High quality and stable samples, transported and stored at 2 to 8°C, ensure that your customers obtain a proper comparison and that you can always deliver promptly and reliably.

- **GLOBAL AVAILABILITY**

HumEQAS is available anywhere in the world HUMAN products are used.

* Kindly consider national requirements for accredited External Quality Assessment Services as HumEQAS are currently not accredited by German authorities

BENEFITS FOR YOU



- **COMPLETE PACKAGE**

Proficiency tests are an increasingly important instrument in laboratory diagnostics that can represent a useful addition to your product portfolio.

- **CUSTOMER LOYALTY**

This additional service strengthens your customers' loyalty.

- **QUALITY MADE IN GERMANY**

Now, you can offer your customers an online proficiency test programme in addition to the existing, high quality HUMAN reagents. This programme's software is certified and has been tested in German institutions and government agencies.

- **SYNERGY**

You benefit from using the existing logistics channel.

- **NEW BUSINESS OPPORTUNITIES**

Proficiency tests can help open doors for the sale of reagents and systems. Also, you obtain important market data on the reagents and equipment in use. This data is available on request (via additional licenses). Furthermore, you can proactively offer support for HUMAN products.

10 STEPS TO THE GOAL

This is all your customers need to participate in HumEQAS.

10

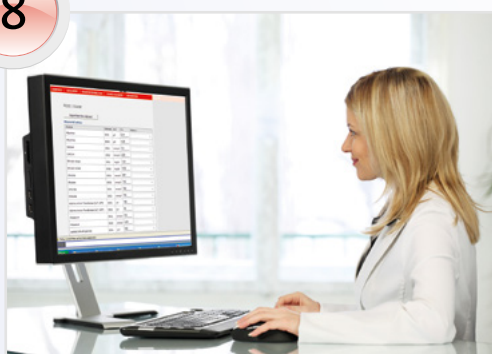
DELIVERY
OF CERTIFICATES

9



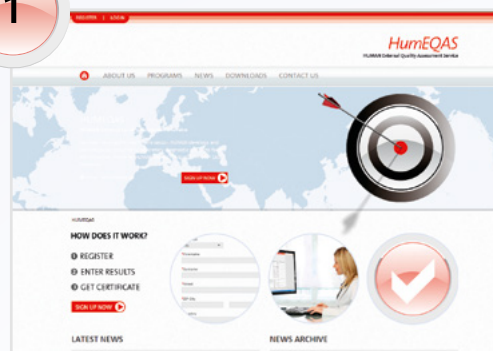
Statistical evaluation of results

8



Online entering of results by participating laboratories and/or by distributor

1




Interested in HumEQAS?

7



Measuring of HumEQAS samples

2



Register for the proficiency testing program

Laboratory name
Human IQ

First name
Company

Last name
Human

Sample shipping address
Max-Planck-Ring 21
D-65205 Wiesbaden
Germany

Phone number
+49612759080

[Register](#)

Request for registration access data
on web page

3

Your application for proficiency test CICH info to buchney Please respond to info

Dear Bodo Schiwy,

Your application for the proficiency test CICH has been accepted.

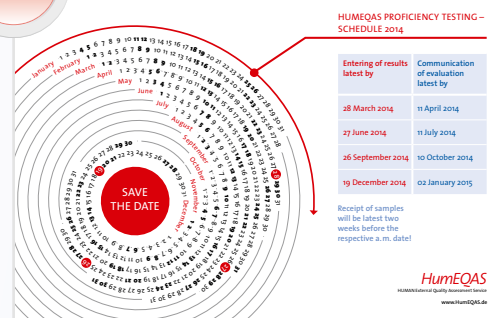
We will send you the necessary samples soon.
You can then enter your measurement data by clicking on the following link:
<http://lab.human.de/PT/registrie.php?ringtestsch=5&box=1>

Kind regards
Frank Minich

Human Gesellschaft für Biochemie und Diagnostica mbH
Geschäftsführer: Ralph Neuburger
Vorsitzender des Beirats: Dr. Thomas Guth
Wiesbaden HB 10782
Max-Planck-Ring 21, 65205 Wiesbaden / Germany
mailto: info@human.de
<http://www.human.de>

Receive registration confirmation
with personal access data

4



Information of proficiency test (PT) schedule

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Register for ring test

Ring tests	Status
CICH	Details
R002	Registration pending
R005	Details
GC-BGA-Q1	Registration pending

Register online for PT tests

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Receipt of samples with regular shipments

HumEQAS

CLICK BY CLICK TO TEST RESULTS



1. REGISTRATION OF THE DISTRIBUTOR

- Use the contact form at **www.humeqas.de** to register as a HumEQAS distributor, or contact your Int. Sales Manager directly.
- You will then receive an email from HumEQAS with your login data as a distributor.
- The login data give you access to the proficiency tests and administration of your customers' participation.

2. REGISTRATION OF LABORATORIES

www.humeqas.de

- You will receive an email when customers register. You confirm the registration on the HumEQAS web portal. Your customer will then receive its login data via email.

Ring tests	Status
CICb	Details
RU02	Registration pending
RU03	Details
CCI-2014-01	Registration pending

3. REGISTRATION FOR HUMEQAS RING TEST

- The customer logs into the web portal, selects the proficiency test and submits the application.
- As a distributor, you receive an email notifying you that the customer wants to sign up.
- Once you log into the web portal, you can approve the customer for the proficiency test. We recommend approving the customer only after it has paid the fees for the proficiency test.

HOME PAGE

DATA ENTRY

REGISTER FOR RING TEST

CHANGE PASSWORD

LOGOUT

R003 | Labor 1

Measured values

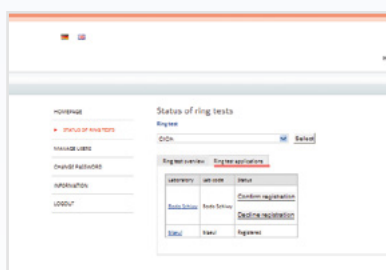
Analyte	Sample	Unit	MI	Status
Albumine	5001	g/l	5.41	
Albumine	5002	g/l	4.30	
Calcium	5001	mmol/l	3.4	
Calcium	5002	mmol/l	2.81	
Bilirubin direct	5001	mg/dl	1.01	
Bilirubin direct	5002	mg/dl	0.92	
Glucose	5001	mmol/l	267	
Glucose	5002	mmol/l	150	
Chloride	5001	mmol/l	124	
Chloride	5002	mmol/l	105	
Alanine Amino Transferase (ALT, GPT)	5001	U/l	130	
Alanine Amino Transferase (ALT, GPT)	5002	U/l	25	
Potassium	5001	mmol/l	6.9	
Potassium	5002	mmol/l	4.83	
Lactate Dehydrogenase	5001	U/l	523	

Data entry part of laboratories

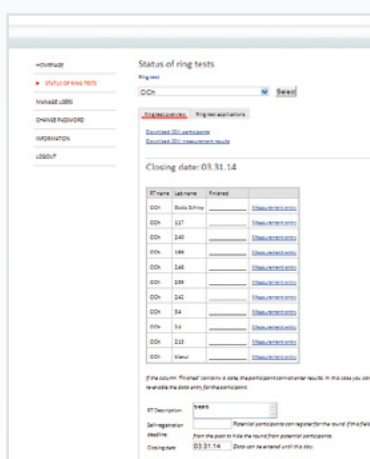
6. RESULTS ENTRY BY PARTICIPATING LABORATORIES

- Your customers enter their results and additional information for the analysis.
- Initially, they can only save or directly send the results.
- They cannot make any corrections after sending the data.

Note: Using your login, you can handle results entry for customers lacking internet access.



Overview of registered customers



Status of data entry for respective

7. DISTRIBUTORS VIEW

- Here, you can see how many customers have registered for a proficiency test.
- You can view the current status for each laboratory and download its results.
- You can also unlock results entry for your customers.
- Additionally, you can send reminders to your customers.

8. CERTIFICATE

- Each participating laboratory will receive a certificate of participation as well as a certificate of successful participation in the proficiency test.



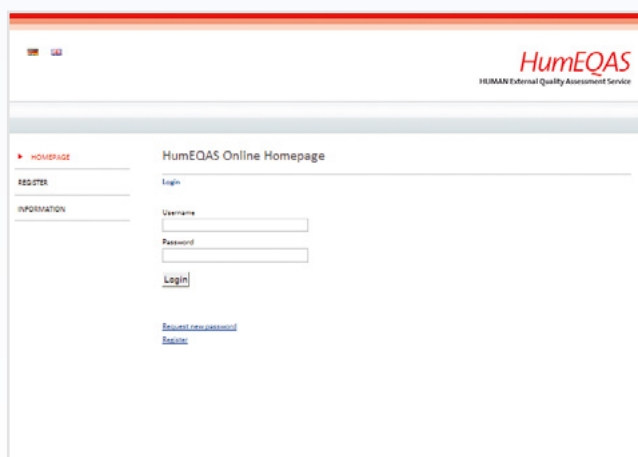
THAT'S HOW WE SUPPORT YOU



FLYER



WEBSITE



WEBPORTAL



CERTIFICATE

Help your customers improve their diagnostic quality, as we are all dedicated to the wellbeing of patients.

Keeping that in mind HumEQAS can really make a difference.

HumEQAS

HUMEQAS CLINICAL CHEMISTRY



Ordering information

REF

Please order all 4 sample at one time for one year in advance

Proficiency Test first quarter, two lyophilized samples	13100010
Proficiency Test second quarter, two lyophilized samples	13100020
Proficiency Test third quarter, two lyophilized samples	13100030
Proficiency Test fourth quarter, two lyophilized samples	13100040

The proficiency tests are dispatched no later than 6 weeks before the deadline for results submission.