Proficiency Testing Scheme program (2027)

Scheme Category	Scheme Title	Scheme code	Sample /Matrix	Round date	Analytes	Approx. Size
Microbiology	Microbiology Testing in Food and Feed	FMD – 01-02/27	Food (Milk powder)	Feb. 2027	*Detection of Salmonella spp. • Sample A • Sample B	25 gm
		FMD – 01-07/27		July 2027		
		FMD –02-02/27	Food (Milk powder)	Feb. 2027	*Detection of Listeria monocytogenes • Sample A • Sample B	25 gm
		FMD –02-07/27		July 2027		
		FMD –03-02/27	Feed (Fish meal)	Feb. 2027	Detection of *Vibrio parahaemolyticus* • Sample A • Sample B	25 gm
		FMD –03-07/27		July 2027		
		FMD –04-02/27	Food (Milk powder)	Feb. 2027	Detection of Shigella spp. • Sample A • Sample B	25 gm
		FMD –04-07/27		July 2027		
		FME –01-02/27	Food (Milk powder)	Feb. 2027	*Enumeration of Enterobacteriaceae by using culture methods	10 gm
		FME –01-07/27		July 2027		



Proficiency Testing Scheme program (2027)

Scheme Category	Scheme Title	Scheme code	Sample /Matrix	Round date	Analytes	Approx. Size
		FME –02-02/27	Food (Milk powder)	Feb. 2027	*Enumeration of E. coli by using culture methods	10 gm
		FME –02-07/27		July 2027		
		FME –03-02/27	Food (Milk powder)	Feb. 2027	*Enumeration of total plate count by using culture methods	10 gm
		FME –03-07/27		July 2027		
		FME –04-02/27	Food (Milk powder)	Feb. 2027	*Enumeration of Coliform by using culture methods	10 gm
		FME –04-		July 2027		
		FME –05-02/27	Food (Milk powder)	Feb. 2027	*Enumeration of Coagulase positive Staphylococci (Staphylococcus aureus and other spp.) by using culture methods.	10 gm
		FME –05-07/27		July 2027		
Microbiology		MPCR –01-02/27	Inactivated virus in allantoic fluid	Feb. 2027	*Detection of AI virus (A) H5 by	1 ml

Proficiency Testing Scheme program (2027)

Scheme Category	Scheme Title	Scheme code	Sample /Matrix	Round date	Analytes	Approx. Size
	Microbiology - PCR	MPCR –01-07/27		July 2027	Real time PCR • Sample A • Sample B	
		MPCR–02-02/27		Feb. 2027	*Detection of AI virus (A) M by Real time PCR • Sample A • Sample B •Sample C	1 ml
		MPCR-02-07/27		July 2027		
		MPCR-03-02/27		Feb. 2027	*Detection of AI virus (AI) H9 by Real time PCR • Sample A • Sample B •Sample C	1 ml
		MPCR-03-07/27		July 2027		
Microbiology	Microbiology - PCR	MPCR-04-02/27	Inactivated virus in allantoic fluid	Feb. 2027	*Detection of NDV using Real Time PCR • Sample A • Sample B •Sample C	1 ml
		MPCR-04-07/27		July 2027		
		MPCR-05-		Feb. 2027	Detection of IBV by real time PCR	1 ml

Proficiency Testing Scheme program (2027)

Scheme Category	Scheme Title	Scheme code	Sample /Matrix	Round date	Analytes	Approx. Size
		02/27			• Sample A • Sample B •Sample C	
		MPCR-05-07/27		July 2027		
		MPCR-06-02/27	Isolated LSDV reference strain in MDBK	Feb. 2027	Detection of LSDV by conventional PCR/ Real time PCR • Sample A • Sample B •Sample C	1 ml
		MPCR-06-07/27		July 2027		
		MPCR-07-02/27		Feb. 2027	Genotyping of LSDV by sequencing • Sample A • Sample B •Sample C	1 ml
		MPCR-07-07/27		July 2027		
		MPCR-08-02/27	Isolated FMDV reference strain in BHK	Feb. 2027	Detection of FMD by conventional PCR/ Real time PCR • Sample A • Sample B •Sample C	1 ml
		MPCR-08-07/27		July 2027		



Proficiency Testing Scheme program (2027)

Scheme Category	Scheme Title	Scheme code	Sample /Matrix	Round date	Analytes	Approx. Size
		MPCR-09-02/27		Feb. 2027	Genotyping of FMD by sequencing • Sample A • Sample B •Sample C	1ml
		MPCR-09-07/27		July 2027		
	M (Microbiology)	M- 01-02/27	Live virus	Feb. 2027	Isolation of Newcastle disease virus • Sample A • Sample B •Sample C	1ml
		M-01- 07/27		July 2027		
		M-02- 02/27	Live virus	Feb. 2027	Isolation of IB virus • Sample A • Sample B •Sample C	1ml
		M-02- 07/27		July 2027		
		M-03- 02/27	PPLO broth	Feb. 2027	Mycoplasma detection test by the culture method • Sample A • Sample B	1ml
		M-03- 07/27		July 2027		
		M- 04-02/27	Reference strains	Feb.2027	Sensitivity test • Sample A • Sample B	1.5ml
		M-04- 07/27		July 2027		

Proficiency Testing Scheme program (2027)

Proficiency Testing Scheme Program for Calibration

Scheme category	Scheme title	Scheme code	Sample / artefact / matrix	Round date	Measurands / proposed test points
Calibration	Calibration of digital thermometers	AHRI-DT-01/27	Digital thermometer with temperature indicator	March 2027	Temperature indication error (°C) Nominal points: −25, 0, 50, 100, 140 °C
		AHRI-DT-02/27		July 2027	
		AHRI-DT-03/27		Nov. 2027	
	Calibration of temperature and humidity devices	AHRI-TH-01/27	Thermo-hygrometer / temperature–humidity data logger	March 2027	Temperature error: 2, 20, 40, 50 °C Relative humidity error: 20, 40, 60, 80 %RH
		AHRI-TH-02/27		July 2027	
		AHRI-TH-03/27		Nov. 2027	
	Calibration of temperature-controlled enclosures (closed volume)	AHRI-CV-01/27	Stabilized temperature enclosure / chamber	March 2027	Temperature indication / stability at agreed points (−80, -20, 4, 37, 100, 200, 300, 500, 800, 1000, 1200°C)
		AHRI-CV-02/27		July 2027	
		AHRI-CV-03/27		Nov. 2027	
	Calibration of timers and stopwatches	AHRI-TM-01/27	Digital timer / stopwatch	March 2027	Time indication error /full day
		AHRI-TM-02/27		July 2027	
		AHRI-TM-03/27		Nov. 2027	

Proficiency Testing Scheme program (2027)

Scheme category	Scheme title	Scheme code	Sample / artefact / matrix	Round date	Measurands / proposed test points
	Calibration of rotational speed measuring devices	AHRI-RPM-01/27	Centrifuge / Tachometer calibrator	March 2027	Rotational speed indication error at agreed points (500, 1,000, 3,000, 5,000, 8000, 10000, 14000 rpm)
		AHRI-RPM-02/27		July 2027	
		AHRI-RPM-03/27		Nov. 2027	

- ***This mark indicates that the tests are accredited**
- The proficiency testing scheme for testing Laboratories is operated by the Proficiency Testing Unit for Animal Health Research Institute – Agricultural Research Center.
- The current program has been established considering the needs of testing Microbiology laboratories and customers seeking excellence in laboratory services.
- The proficiency testing programs are structured in accordance with the statistical methods outlined in "ISO13528:2022" for proficiency testing through inter-laboratory comparisons.
- AHRI-PT unit management treats your information and data as confidential, while EGAC may have access to the evaluation results during regular assessment.
- How to apply

Proficiency Testing Scheme program (2027)

Step 1 Select Your PT round → Step 2 Fill the application → Step 3 Pay the fees → Step 3 Receipt your report

Inside Egypt	(LE)
Outside Egypt	(Dollar)

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