

EQA Format for 2019:

Multiple annual 'EQA Challenges'

QCMD will continue in 2019 to provide a flexible EQA format for many of its established EQA programmes in line with regional regulatory requirements.















Each EQA programme will be offered in various formats consisting of between 1 and 4 challenges (testing periods) per year. Participants will have the opportunity to select the available frequency of EQA challenge which best suits their laboratories regulatory requirements. For example, the HIV, HBV, and HCV BBV viral load EQA programmes have a quantitative focus and participants will be able to choose either 1, 2 or 4 challenges per year. Other available formats include 1 single challenge; 2 challenges; 1 or 2 challenges. For more details on the format of each of the EQA programmes see the individual EQA specifications within the catalogue or visit the QCMD website.

The QCMD EQA programmes are provided in accordance with the QCMD Code of Practice and QCMD's accreditation to ISO17043:2010.

For 2019, the preliminary molecular external quality assessment (EQA) programme schedule has been displayed by 'Pathogen Type'.

The icons below represent the EQA groups relevant to each programme.

EQA Group Key

EQA Group	Icon
Blood Borne Virus	
Central Nervous System	
Congenital Infections	
Drug Resistance	
Exotic/Emerging Diseases	
Gastrointestinal Diseases	
Immunocompromised Associated Diseases	
Multiple Pathogen/Syndromic	
Respiratory Diseases	
Serology	
Sexually Transmitted Infections	
Transplant Associated Diseases	
Typing	
Other	

EQA reports in 2019.

There will be two standard reports in 2019. The **individual report** and the **supplementary report**. The **individual report** will be available 2-4 weeks after close of the results return phase following each challenge. The individual report will provide participants with their individual results and performance within their EQA Assessment Group / immediate 'peer groups' according to the amplification /detection method specified. This report provides the necessary regulatory feedback under ISO15189 or equivalent.

A **supplementary report** may be provided if QCMD have sufficient additional information for analysis from the EQA programme such as common gene targets used, etc. The supplementary report will, where appropriate, also include Scientific Expert commentary. The supplementary reports will be published at the discretion of the QCMD Executive.

QCMD EQA Pilot Studies 2019

A number of new EQA pilot studies may be introduced throughout 2019, and registration for these will be announced approximately 8 weeks prior to their EQA panel distribution. If you have requirements which are not supported by our current EQA offering, please contact the QCMD team (info@qcmd.org) for information about QCMD pilot studies.

New EQA Pilot Studies are shown as  in the groupings
EQA Pilot Studies are shown as  in the groupings.

Viral EQA

Programme Code	Programme Description	Groupings				Catalogue Number	Available Formats/ No. of Challenges	Panel Members per challenge	Distribution Date(s)/Testing Period	Shipping Conditions	Analysis Type	Participant Price	
ADVDNA19	Adenovirus		GI	RES	TX	QAV054133_1	1	8 to 12	Q3	Dry-ice	Qual & Quant	3,700.00 kr	
						QAV054133_2	2	4 to 6	Q2,Q3			4,000.00 kr	
B19DNA19	B19 virus				BBV	QAV034116_1	1	8	Q3	Dry-ice	Qual & Quant	3,700.00 kr	
						QAV034116_2	2	4	Q1,Q3			4,000.00 kr	
BKDNA19	BK virus		CNS	TX	IC	QAV144166_1	1	8 to 12	Q3	Dry-ice	Qual & Quant	3,700.00 kr	
						QAV144166_2	2	4 to 6	Q2,Q3			4,000.00 kr	
CHIKV19	Chikungunya virus			CNS	EXO	QAV154175_1	1	8 to 12	Q2	Ambient	Qual	3,700.00 kr	
CMVDR19	CMV Drug Resistance	DR		TX	IC	TYP	QAV144169_1	1	4 to 7	Q2	Dry-ice	Drug Resistance / Sequencing	4,600.00 kr
CVRNA19	Coronavirus					RES	QAV064137_1	1	8 to 12	Q2	Dry-ice	Qual	3,700.00 kr
CMVDBS19	Cytomegalovirus Dried Blood Spots					CONG	QAV064127_1	1	8 to 12	Q2	Ambient	Qual	3,700.00 kr
CMVWB19	Cytomegalovirus Whole Blood				IC	TX	QAV124150_1	1	8 to 12	Q3	Dry-ice	Qual & Quant	3,700.00 kr
							QAV124150_2	2	4 to 6	Q2,Q3			4,000.00 kr
DENVRNA19	Dengue virus			CNS		EXO	QAV114148_1	1	8 to 12	Q2	Ambient	Qual	3,700.00 kr
EVRNA19	Enterovirus					CNS	QAV984104_1	1	8 to 12	Q3	Dry-ice	Qual	3,700.00 kr
							QAV984104_2	2	4 to 6	Q1,Q3			4,000.00 kr
EVTP19	Enterovirus Typing			CNS		TYP	QAV164185_1	1	5 to 10	Q1	Dry-ice	Typing	3,700.00 kr
EBVDNA19	Epstein-Barr virus				IC	TX	QAV024121_1	1	8 to 12	Q3	Dry-ice	Qual & Quant	3,700.00 kr
							QAV024121_2	2	4 to 6	Q2,Q3			4,000.00 kr
EBVWB19	Epstein-Barr virus Whole Blood				IC	TX	QAV134161_1	1	8 to 12	Q3	Dry-ice	Qual & Quant	3,700.00 kr
							QAV134161_2	2	4 to 6	Q2,Q3			4,000.00 kr
HBVDR19	HBV Drug Resistance			BBV	DR	TYP	QAV124160_1	1	4 to 7	Q3	Dry-ice	Drug Resistance / Sequencing	4,600.00 kr
HBVGT19	HBV Genotyping				BBV	TYP	QAV064118_1	1	8 to 12	Q1	Dry-ice	Typing	3,700.00 kr
HCVDR19	HCV Drug Resistance			BBV	DR	TYP	QAV134167_1	1	4 to 7	Q3	Dry-ice	Drug Resistance / Sequencing	4,600.00 kr

Viral EQA

Programme Code	Programme Description	Groupings				Catalogue Number	Available Formats/ No. of Challenges	Panel Members per challenge	Distribution Date(s)/Testing Period	Shipping Conditions	Analysis Type	Participant Price
HCVGT19	HCV Genotyping			BBV	TYP	QAV034117_1	1	8 to 12	Q1	Dry-ice	Typing	3,700.00 kr
HAVRNA19	Hepatitis A virus				BBV	QAV124156_1	1	8 to 10	Q3	Dry-ice	Qual	3,700.00 kr
						QAV124156_2	2	4	Q1,Q3			4,000.00 kr
HBVDNA19	Hepatitis B virus				BBV	QAV994110_1	1	8	Q3	Dry-ice	Qual & Quant	3,700.00 kr
						QAV994110_2	2	4	Q1,Q3			4,000.00 kr
						QAV994110_4	4	4	Q1, Q2, Q3,Q4			7,400.00 kr
HCVRNA19	Hepatitis C virus				BBV	QAV994112_1	1	8	Q3	Dry-ice	Qual & Quant	3,700.00 kr
						QAV994112_2	2	4	Q1,Q3			4,000.00 kr
						QAV994112_4	4	4	Q1, Q2, Q3,Q4			7,400.00 kr
HDV19	Hepatitis D virus				BBV	QAV144170_1	1	8 to 10	Q3	Dry-ice	Qual & Quant	3,700.00 kr
HEVRNA19	Hepatitis E virus				BBV	QAV124157_1	1	8 to 10	Q3	Dry-ice	Qual & Quant	3,700.00 kr
HSVDNA19	Herpes simplex virus 1 & 2			CNS	STI	QAV994105_1	1	8 to 12	Q3	Dry-ice	Qual	3,700.00 kr
						QAV994105_2	2	4 to 6	Q1,Q3			4,000.00 kr
HSVDR19	Herpes Simplex virus Drug Resistance	DR	STI	CNS	TYP	QAV164184_1	1	4 to 7	Q1	Dry-ice	Drug Resistance / Sequencing	4,600.00 kr
HIVDNA19	HIV-1 (DNA)				BBV	QAV034114_1	1	8	Q3	Dry-ice	Qual	3,700.00 kr
						QAV034114_2	2	4	Q1,Q3			4,000.00 kr
HIVRNA19	HIV-1 (RNA)				BBV	QAV994108_1	1	8	Q3	Dry-ice	Qual & Quant	3,700.00 kr
						QAV994108_2	2	4	Q1,Q3			4,000.00 kr
						QAV994108_4	4	4	Q1, Q2, Q3,Q4			7,400.00 kr
HIVDR19	HIV-1 Drug Resistance		BBV	DR	TYP	QAV024131_1	1	4 to 7	Q3	Dry-ice	Drug Resistance / Sequencing	4,600.00 kr
HIVDRint19	HIV-1 Drug Resistance (Integrase)		BBV	DR	TYP	QAV114146_1	1	4 to 7	Q3	Dry-ice	Drug Resistance / Sequencing	4,600.00 kr
CMVDNA19	Human cytomegalovirus			IC	TX	QAV014120_1	1	8 to 12	Q3	Dry-ice	Qual & Quant	3,700.00 kr
						QAV014120_2	2	4 to 6	Q2,Q3			4,000.00 kr
HHV6DNA19	Human herpes virus 6			IC	TX	QAV084119_1	1	8 to 12	Q3	Dry-ice	Qual & Quant	3,700.00 kr
						QAV084119_2	2	4 to 6	Q2,Q3			4,000.00 kr

Viral EQA

Programme Code	Programme Description	Groupings			Catalogue Number	Available Formats/ No. of Challenges	Panel Members per challenge	Distribution Date(s)/Testing Period	Shipping Conditions	Analysis Type	Participant Price	
MPV19	Human metapneumovirus			RES	QAV054135_1	1	8 to 12	Q2	Dry-ice	Qual	3,700.00 kr	
HPVPRES19	Human Papillomavirus (PreservCyt)			STI	QAV094130_1	1	8 to 12	Q4	Ambient / Specialist	Qual	3,700.00 kr	
					QAV094130_2	2	4 to 6	Q2,Q4			4,000.00 kr	
INFRNA19	Influenza A & B virus			RES	QAV054134_1	1	8 to 12	Q4	Dry-ice	Qual	3,700.00 kr	
					QAV054134_2	2	4 to 6	Q2,Q4			4,000.00 kr	
INFHT19	Influenza Haemagglutinin Typing		TYP	RES	QAV064138_1	1	5 to 10	Q4	Dry-ice	Typing	3,700.00 kr	
JCDNA19	JC virus	CNS	TX	IC	QAV074106_1	1	8 to 12	Q3	Dry-ice	Qual & Quant	3,700.00 kr	
					QAV074106_2	2	4 to 6	Q2,Q3			4,000.00 kr	
MM19	Measles / Mumps		CNS	RES	QAV144171_1	1	8 to 12	Q3	Dry-ice	Qual	3,700.00 kr	
MERS19	MERS coronavirus			RES	EXO	QAV154181_1	1	6 to 10	Q2	Dry-ice	Qual	3,700.00 kr
NVRNA19	Norovirus			GI	QAV084139_1	1	8 to 12	Q4	Dry-ice	Qual	3,700.00 kr	
					QAV084139_2	2	4 to 6	Q2,Q4			4,000.00 kr	
PINFRNA19	Parainfluenza virus			RES	QAV064136_1	1	8 to 12	Q2	Dry-ice	Qual	3,700.00 kr	
PeVRNA19	Parechovirus			CNS	QAV114145_1	1	8 to 12	Q3	Dry-ice	Qual	3,700.00 kr	
					QAV114145_2	2	4 to 6	Q1,Q3			4,000.00 kr	
RSV19	Respiratory syncytial virus			RES	QAV054142_1	1	8 to 12	Q4	Dry-ice	Qual	3,700.00 kr	
					QAV054142_2	2	4 to 6	Q2,Q4			4,000.00 kr	
RVRNA19	Rhinovirus			RES	QAV064143_1	1	8 to 12	Q2	Dry-ice	Qual	3,700.00 kr	
VZVDNA19	Varicella-Zoster virus			CNS	QAV034103_1	1	8 to 12	Q3	Dry-ice	Qual	3,700.00 kr	
					QAV034103_2	2	4 to 6	Q1,Q3			4,000.00 kr	
WNVRNA19	West Nile virus		EXO	CNS	QAV104141_1	1	8 to 12	Q2	Ambient	Qual	3,700.00 kr	
ZIKA19	Zika virus		EXO	CNS	QAV164186_1	1	8 to 12	Q2	Ambient	Qual	3,700.00 kr	

Bacterial EQA

Programme Code	Programme Description	Groupings				Catalogue Number	Available Formats/ No. of Challenges	Panel Members per challenge	Distribution Date(s)/Testing Period	Shipping Conditions	Analysis Type	Participant Price
B16SrRNA19	Bacterial 16S Ribosomal RNA				TYP	QAB164183_1	1	8 to 10	Q4	Dry-ice	Typing	3,700.00 kr
BPDNA19	<i>Bordetella pertussis</i>				RES	QAB094132_1	1	8 to 12	Q2	Dry-ice	Qual	3,700.00 kr
BbDNA19	<i>Borrelia burgdorferi</i> spp. (Lyme Disease)				CNS	QAB114147_1	1	8 to 12	Q3	Dry-ice	Qual	3,700.00 kr
CPS19	<i>Chlamydia psittaci</i>				RES	QAB134165_1	1	8 to 10	Q2	Dry-ice	Qual	3,700.00 kr
CTDNA19	<i>Chlamydia trachomatis</i>				STI	QAB004101_1	1	8 to 12	Q3	Dry-ice	Qual	3,700.00 kr
						QAB004101_2	2	4 to 6	Q1,Q3			4,000.00 kr
CTNg19	<i>Chlamydia trachomatis</i> and <i>Neisseria gonorrhoeae</i>			MPP	STI	QAB174191_1	1	8 to 12	Q3	Dry-ice	Qual	4,150.00 kr
						QAB174191_2	2	4 to 6	Q1,Q3			4,500.00 kr
CP19	<i>Chlamydophila pneumoniae</i>				RES	QAB084107_1	1	5 to 10	Q2	Dry-ice	Qual	3,700.00 kr
CDDNA19	<i>Clostridium difficile</i>				GI	QAB084125_1	1	8 to 12	Q4	Dry-ice	Qual	3,700.00 kr
						QAB084125_2	2	4 to 6	Q2,Q4			4,000.00 kr
E.COLI19	Diarrheagenic <i>Escherichia coli</i>				GI	QAB154179_1	1	8 to 12	Q4	Dry-ice	Qual	3,700.00 kr
ESBL19	Extended Spectrum β -lactamase and Carbapenemase				DR	QAB134162_1	1	8 to 12	Q3	Dry-ice	Typing	3,700.00 kr
GBS19	Group B Streptococcus				OTHER	QAB174200_1	1	8 to 12	Q4	Dry-ice	Qual	3,700.00 kr
H.PYLORI19	<i>Helicobacter pylori</i>				GI	QAB164190_1	1	5 to 10	Q3	Dry-ice	Qual	3,700.00 kr
LPDNA19	<i>Legionella pneumophila</i>				RES	QAB044122_1	1	8 to 12	Q1	Dry-ice	Qual	3,700.00 kr
MRSADNA19	Methicillin Resistant <i>S. aureus</i>				DR	QAB064124_1	1	8 to 12	Q2	Ambient	Qual	3,700.00 kr
MRSATP19	Methicillin Resistant <i>S. aureus</i> Typing (epidemiology and outbreak studies)				TYP	QAB074128_1	1	8 to 12	Q2	Ambient	Typing	3,700.00 kr

Bacterial EQA

Programme Code	Programme Description	Groupings				Catalogue Number	Available Formats/ No. of Challenges	Panel Members per challenge	Distribution Date(s)/Testing Period	Shipping Conditions	Analysis Type	Participant Price
MTBDNA19	<i>Mycobacterium tuberculosis</i>				RES	QAB014129_1	1	8 to 12	Q4	Ambient	Qual	3,700.00 kr
						QAB014129_2	2	4 to 6	Q2, Q4			4,000.00 kr
MP19	<i>Mycoplasma pneumoniae</i>				RES	QAB174192_1	1	5 to 10	Q2	Dry-ice	Qual	3,700.00 kr
MYCO19	<i>Mycoplasma</i> spp. (cell contamination)				OTHER	QAB144168_1	1	8 to 12	Q4	Dry-ice	Qual & Quant	3,700.00 kr
NgDNA19	<i>Neisseria gonorrhoeae</i>				STI	QAB034126_1	1	8 to 12	Q3	Dry-ice	Qual	3,700.00 kr
						QAB034126_2	2	4 to 6	Q1,Q3			4,000.00 kr
SASPA19	<i>Staphylococcus aureus</i> spa				TYP	QAB134164_1	1	6 to 12	Q2	Ambient	Typing	3,700.00 kr
SYPH19	Syphilis				STI	QAB154180_1	1	5 to 10	Q4	Dry-ice	Qual	3,700.00 kr
VRE19	Vancomycin Resistant Enterococci				DR	QAB134163_1	1	8 to 12	Q3	Dry-ice	Typing	3,700.00 kr

Fungal EQA

Programme Code	Programme Description	Groupings				Catalogue Number	Available Formats/ No. of Challenges	Panel Members per challenge	Distribution Date(s)/Testing Period	Shipping Conditions	Analysis Type	Participant Price
ASPDNA19	<i>Aspergillus</i> spp.				IC	QAF104140_1	1	8 to 12	Q3	Dry-ice	Qual	3,700.00 kr
CANDNA19	<i>Candida</i> spp.				IC	QAF124151_1	1	8 to 12	Q3	Dry-ice	Qual	3,700.00 kr
DERMA19	Dermatophytosis				OTHER	QAF164187_1	1	8 to 10	Q3	Dry-ice	Qual	3,700.00 kr
PCPDNA19	<i>Pneumocystis jirovecii</i> pneumonia			RES	IC	QAF114144_1	1	8 to 12	Q3	Dry-ice	Qual & Quant	3,700.00 kr

Parasitic EQA

Programme Code	Programme Description	Groupings				Catalogue Number	Available Formats/ No. of Challenges	Panel Members per challenge	Distribution Date(s)/Testing Period	Shipping Conditions	Analysis Type	Participant Price
		CONG	CNS	TX	IC							
TGDNA19	<i>Toxoplasma gondii</i>	CONG	CNS	TX	IC	QAP044123_1	1	8 to 12	Q4	Ambient	Qual	3,700.00 kr
						QAP044123_2	2	4 to 6	Q2, Q4			4,000.00 kr

Multi Pathogen EQA

Programme Code	Programme Description	Groupings				Catalogue Number	Available Formats/ No. of Challenges	Panel Members per challenge	Distribution Date(s)/Testing Period	Shipping Conditions	Analysis Type	Participant Price
		CONG	CNS	TX	IC							
GastroB19	Bacterial Gastroenteritis			MPP	GI	QAB124153_1	1	8 to 12	Q4	Dry-ice	Qual	4,150.00 kr
MALDI19	MALDI-TOF			MPP	TYP	QAB124155_1	1	8 to 12	Q3	Dry-ice	Typing	3,700.00 kr
GastroP19	Parasitic Gastroenteritis			MPP	GI	QAP124154_1	1	8 to 12	Q4	Dry-ice	Qual	4,150.00 kr
RESPI19	Respiratory I			MPP	RES	QAV164188_1	1	8 to 12	Q2	Dry-ice	Qual	8,150.00 kr
RESPII19	Respiratory II			MPP	RES	QAV164189_1	1	8 to 12	Q2	Dry-ice	Qual	8,150.00 kr
RESPIII19	Respiratory III			MPP	RES	QAM174193_1	1	8 to 12	Q4	Dry-ice	Qual	8,150.00 kr
STI_I19	Sexually Transmitted Infections I			MPP	STI	QAB154177_1	1	8 to 12	Q4	Dry-ice	Qual	4,150.00 kr
STI_II19	Sexually Transmitted Infections II			MPP	STI	QAM174201_1	1	8 to 12	Q4	Dry-ice	Qual	4,150.00 kr
GastroV19	Viral Gastroenteritis			MPP	GI	QAV124152_1	1	8 to 12	Q4	Dry-ice	Qual	4,150.00 kr

EQA Pilot Studies

Programme Code	Programme Description	Groupings				Catalogue Number	Available Formats/ No. of Challenges	Panel Members per challenge	Distribution Date(s)/Testing Period	Shipping Conditions	Analysis Type	Participant Price
CNSI19	Central Nervous System I (Viral)			MPP	CNS	QAV174195_1	1	8 to 12	Q4	Dry-ice	Qual	8,150.00 kr
CNSII19	Central Nervous System II (Non-viral)			MPP	CNS	QAM174196_1	1	8 to 12	Q4	Dry-ice	Qual	8,150.00 kr
HPVSURE19	Human Papillomavirus (SurePath)				STI	QAV184204_1	1	8 to 12	Q4	Ambient	Qual	3,700.00 kr
IC19	Immunocompromised			MPP	IC	QAM174197_1	1	8 to 12	Q4	Dry-ice	Qual	8,150.00 kr
MG19	<i>Mycoplasma genitalium</i>				STI	QAB184205_1	1	6 to 10	Q3	Dry-ice	Qual	3,700.00 kr
NEO19	Neonatal / Newborn infections				MPP	QAM174199_1	1	8 to 12	Q4	Dry-ice	Qual	8,150.00 kr
SEPSIS19	Sepsis				MPP	QAB164178_1	1	8 to 12	Q4	Dry-ice	Qual	4,150.00 kr
TTV19	Torque teno virus			TX	IC	QAV184203_1	1	6 to 10	Q4	Dry-ice	Qual	3,700.00 kr
TRANS19	Transplantation (Viral)		IC	MPP	TX	QAM174198_1	1	8 to 12	Q3	Dry-ice	Qual & Quant	8,150.00 kr
TV19	<i>Trichomonas vaginalis</i>				STI	QAP184202_1	1	6 to 10	Q3	Dry-ice	Qual	3,700.00 kr

New Molecular EQA Pilot Studies for 2019

Programme Code	Programme Description	Groupings			Catalogue Number	Available Formats/ No. of Challenges	Panel Members per challenge	Distribution Date(s)/Testing Period	Shipping Conditions	Analysis Type	Participant Price	
ARBO19	Arthropod-borne viruses		CNS	MPP	EXO	QAM194206_1	1	8 to 12	Q2	Ambient	Qual	4,150.00 kr
NTM19	Atypical mycobacterium				RES	QAB194208_1	1	8 to 12	Q2	Ambient	Qual	3,700.00 kr
MTBDR19	<i>Mycobacterium tuberculosis</i> Drug Resistance			DR	RES	QAB194209_1	1	6 to 10	Q4	Ambient	Typing	3,700.00 kr
YFV19	Yellow fever virus				EXO	QAV194207_1	1	8 to 12	Q2	Ambient	Qual	3,700.00 kr

Serology EQA

Programme Code	Programme Description	Groupings			Catalogue Number	Available Formats/ No. of Challenges	Panel Members per challenge	Distribution Date(s)/Testing Period	Shipping Conditions	Analysis Type	Participant Price	
BBVSERO19	Bloodborne virus serology				SERO	QAS144172_2	2	4 to 6	Q1,Q3	Dry-ice	Qual	4,000.00 kr
ISSERO19	Immune status serology				SERO	QAS144174_2	2	4 to 6	Q1,Q3	Dry-ice	Qual	4,000.00 kr
VHSERO19	Viral hepatitis serology				SERO	QAS144173_2	2	4 to 6	Q1,Q3	Dry-ice	Qual	4,000.00 kr