

# Award-winning diagnostic solutions



The SmartSpot patented technology enables the packaging of inactivated specimens on a simple spot on a card, which is easily and safely tested like a patient's clinical specimen.

To place your order, email us at:  
[Orders@SmartSpotQ.com](mailto:Orders@SmartSpotQ.com)  
or scan the QR code to complete an online order form



**SMARTSPOT QUALITY IS AN ISO/IEC 17043:2010 ACCREDITED PROFICIENCY TESTING SCHEME PROVIDER**



## EQA

External Quality Assessment provides ongoing quality monitoring of diagnostics, from pre- to post-analytical processing. SmartSpot Quality's EQA Programs run three times per year per instrument.

## Internal Controls

Monthly Quality Control (QC) provides performance monitoring of test kits and personnel, four times per month.



## Validation

Assay Validation is designed to test Precision and Accuracy of new assays.

## Verification

Instrument verification involves testing standardized material on a diagnostic instrument to ensure that it is 'fit-for-purpose' before clinical specimens can be tested. Verification is recommended upon installation, post-calibration and post-relocation.

## Why our programs are industry leading

Controls are stable at ambient temperatures for up to **36 months** reducing shipping costs by 67% and mitigating the risk of damage to the controls.

In-depth support to laboratories via **video conferencing**, providing technical guidance and general operational advice.

Online Quality Assessment Tool provided for submitting EQA and Verification results and reviewing performance.

Real-time or 21 days turnaround for Participant Reports.

Group management reports with **analytics and insights**.

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## Industry leading Programs

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# Tuberculosis

SmartSpot Quality provides the largest commercially available Molecular *Mycobacterium Tuberculosis* EQA program globally with instruments enrolled across 39 countries.

All controls are non-infectious and dry controls are stable at ambient temperature for 18-36 months\*.

EQA	Name and Description	Quantity Per Cycle	Catalogue #
	Xpert MTB/RIF MTB/RIF Ultra EQA Program (3 Cycles) Fluorotype MTBDR EQA (3 Cycles)	4 Spots	SSQ-X-MTBRIF-EQA SSQ-FL-MTBDR-EQA
	Xpert MTB XDR EQA Program (3 Cycles) LiquidArray MTB XDR EQA (3 Cycles)	4 Spots	SSQ-X-MTBXDR-EQA SSQ-LA-MTBXDR-EQA
	Genotype MTBDR <i>plus</i> EQA Program (3 Cycles) Genotype MTBDR <i>s/</i> EQA Program (3 Cycles)	4 Spots & 5 Strips	SSQ-LPA-MTBDRplus-EQA SSQ-LPA-MTBDR <i>s/</i> -EQA
	Urine TB LF-LAM EQA Program (3 Cycles)	4 Vials	SSQ-LFLAM-MTB-EQA
	MTBC LAMP EQA Program (3 Cycles)	4 Spots	SSQ-LAMP-MTBC-EQA
	Truenat MTB/RIF EQA Program (3 Cycles)	4 Spots	SSQ-TN-MTBRIF-EQA
	Roche MTB RIF INH EQA Program (3 Cycles)	4 Vials	SSQ-R-MTBRIFINH-EQA
	BD MTB RIF INH EQA Program (3 Cycles)	4 Vials	SSQ-B-MTBRIFINH-EQA










\* Stability studies are ongoing for liquid controls at ambient temperature

**Note:** Each participant's results are kept confidential and can only be accessed using a personalised username and password. Where participants are part of a laboratory group, the group's management team is provided access to each of the laboratories within their group for management and review purposes.

# Tuberculosis

SmartSpot Quality provides a range of Verification and Validation Panels for TB Diagnostics. For custom requirements, please contact us at [info@SmartSpotQ.com](mailto:info@SmartSpotQ.com).

All controls are non-infectious and dry controls are stable at ambient temperature for 18-36 months\*.

VERIFICATION	Name and Description	Quantity	Catalogue #
	Xpert MTB/RIF Verification Panel		
	Xpert MTB/RIF Ultra Verification Panel	1 Spot	SSQ-X-MTBRIF-VRF-1
	Xpert MTB/RIF Verification Panel		
	Xpert MTB/RIF Ultra Verification Panel	5 Spots	SSQ-X-MTBRIF-VRF-5
	Xpert MTB/RIF Ultra Verification Panel	4 Spots	SSQ-X-MTBRIF_ULTRA-VRF
	Xpert MTB XDR Validation Panel	25 Spots	VP-DCS25MTB/XDR
	Xpert MTB XDR Pre-rollout Verification	12 Spots	SSQ-X-MTBXDR-VRF
	MTBC LAMP Verification Panel	8 Spots	SSQ-LAMP-MTBC-VRF-8
	Urine TB LF-LAM Monthly QC	2 Vials (8 Tests)	SSQ-LFLAM-MTB-MQC



\* Stability studies are ongoing for liquid controls at ambient temperature







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# Tuberculosis

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All controls are non-infectious and dry controls are stable at ambient temperature for 18-36 months\*.

VERIFICATION	Name and Description	Quantity	Catalogue #
	Fluorotype XDR Verification Panel	12 Spots	SSQ-F-MTBXDR-VRF
	Fluorotype XDR Validation Panel	25 Spots	VF-DCS25MTB/XDR
	Xpert MTB/RIF XDR Verification Panel	4 Spots	SSQ-X-MTBXDR-VRF
	BD MTB- RIF-INH Verification Panel	8 Spots (4 per Side)	SSQ-B-MTBRIFINH-VRF
	Roche MTB- RIF-INH Verification Panel	16 Spots	SSQ-R-MTBRIFINH-VRF
	Validation Panel – Urine TB LF-LAM (6 Positives + 6 Negatives controls)	12 Vials	SSQ-LFLAM-MTB-VAL



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# SARS-COV-2



SmartSpot has harnessed its platform in order to respond to the COVID-19 pandemic and provide a set of non-infectious and ambient temperature stable Quality Controls for molecular diagnostic SARS-CoV-2 assays.

The controls contain targets in the N, E, RdRP, Spike and/or ORF1a/b regions and have been validated on the GeneXpert, Thermofisher, Abbott, Roche, Biomerieux, Bioer, Molbio, Bioneer, Biorad, GeneFinder, LineGene and LongGene platforms. For compatibility on alternative instruments, please contact us for more information at [info@SmartSpotQ.com](mailto:info@SmartSpotQ.com)

EQA	Name and Description	Quantity Per Cycle	Catalogue #
	Xpert SARS-CoV-2 EQA Program (3 Cycles)	4 Spots	SSQ-X-COV2-EQA
	Molecular SARS-CoV-2 EQA Program (3 Cycles)		SSQ-MOL-COV2-EQA

VERIFICATION	Name and Description	Quantity	Catalogue #
	SARS-CoV-2 Verification	4 Spots	SSQ-X-COV2-VRF-4
	SARS-CoV-2 Pre-rollout Verification	12 Spots	SSQ-X-COV2-VRF-12

# SARS-COV-2 & Flu/RSV (Post Assessment)\*

SmartSpot has launched EQA and Verification programs to address customer needs for multiplex testing of SARS-CoV-2, Flu & RSV.

The controls contain targets in the N, E, RdRP, Spike, ORF1a/b of CoV-2; matrix and non-structural protein of Flu A and Flu B; and nucleocapsid of RSV A and RSV B regions and have been validated on the GeneXpert. For compatibility on alternative instruments, please contact us for more information at [info@SmartSpotQ.com](mailto:info@SmartSpotQ.com)

EQA	Name and Description	Quantity Per Cycle	Catalogue #
	Xpert CoV-2/Flu/RSV EQA Program (3 Cycles)	4 Spots	SSQ-X-COV2FLURSV-EQA
	Molecular CoV-2/Flu/RSV EQA Program (3 Cycles)		SSQ-MOL-COV2FLURSV-EQA

VERIFICATION	Name and Description	Quantity	Catalogue #
	SARS-CoV-2 / Flu / RSV Verification	4 Spots	SSQ-X-COV2FLURSV-VRF-4
	SARS-CoV-2 / Flu / RSV Pre-rollout Verification	12 Spots	SSQ-X-COV2FLURSV-VRF-12

\*The proficiency testing scheme has been assessed and is due for inclusion on SmartSpot Quality's schedule of accreditation in 2024. Stability studies are ongoing.

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# HIV

SmartSpot Quality provides the first non-infectious liquid Human Immuno-deficiency Virus EQA and Verification Control Program that is stable at ambient temperature.

The controls are compatible with Viral Load and Qualitative (EID - Early Infant Diagnosis) testing on the following platforms: Abbott, Roche, Xpert, Hologic and Biocentric. HIV Qualitative controls are also available in Dry Blood Spot (DBS) format.

EQA	Name and Description	Quantity	Catalogue #
	Xpert HIV-1 Viral Load EQA Panel (3 Cycles)	4 Vials	SSQ-X-HIV_VL-EQA
	Molecular HIV-1 Viral Load EQA Panel (3 Cycles)		SSQ-MOL-HIV_VL-EQA
	Xpert HIV-1 Qual XC EQA Panel (3 Cycles)	4 DBS	SSQ-X-HIV_QUALXC-EQA
	Molecular HIV Qual EQA Panel (3 Cycles)		SSQ-MOL-HIV_QUAL-EQA

VERIFICATION	Name and Description	Quantity	Catalogue #
	Liquid Validation Panel - Xpert HIV-1 Qual XC <i>(Accuracy Study: 16 tests &amp; Precision Study: 12 tests)</i>	6 Vials (28 tests)	SSQ-X-HIV_QualXC-VAL28LIQ
	DBS Validation Panel – Xpert HIV-1 Qual XC <i>(Accuracy Study only – 16 tests)</i>	16 DBS	SSQ-X-HIV_QualXC-VAL16DBS
	Linearity Validation Panel – Xpert HIV VL XC <i>(Accuracy Study: 10 Specimens)</i>	10 Vials	SSQ-HIV_VL-VAL-A(LIN)
	Reproducibility Validation Panel – Xpert HIV VL XC <i>(Precision Study: 5 Medium Positive, 5 Low Positive and 2 Negative Specimens)</i>	12 Vials	SSQ-HIV_VL-VAL-P(REP)
	Validation Panel - High Throughput VL	42 Vials	SSQ-MOL-HIV_VL-VAL
	Validation Panel - High Throughput Qual/EID	42 Vials	SSQ-MOL-HIV_QUAL-VAL
	Verification Panel - Gx4 Xpert HIV-1 VL	12 Vials	SSQ-X-HIV_VL-VRF-3x4
	Verification Panel – Gx16 Xpert HIV-1 VL	48 Vials	SSQ-X-HIV_VL-VRF-3x16
	Verification Panel - Gx16 Xpert HIV-1 VL	16 Vials	SSQ-X-HIV_VL-VRF-1x16
	Verification Panel – Gx4 Xpert HIV-1 Qual XC	12 Vials	SSQ-X-HIV_QUALXC-VRF-3X4
	Verification Panel – Gx16 Xpert HIV-1 Qual XC	48 Vials	SSQ-X-HIV_QUALXC-VRF-3X16
	Verification Panel – Molecular HIV-1 Qual	12 Vials	SSQ-MOL-HIV_QUAL-VRF
	Verification Panel – Molecular HIV-1 VL	12 Vials	SSQ-MOL-HIV_VL-VRF




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# Viral Hepatitis (HBV/HCV)

(HCV – Accredited / HBV - Post Assessment\*)

SmartSpot Quality provides a non-infectious liquid Human Viral Hepatitis EQA and Verification Control Program that is stable at ambient temperature.

The controls are compatible with Viral Load testing on the following platforms: Abbott, Roche, Xpert, Hologic and Biocentric. For compatibility with other platforms/assays, please contact [info@SmartSpotQ.com](mailto:info@SmartSpotQ.com)

EQA	Name and Description	Quantity	Catalogue #
	Xpert HCV Viral Load EQA Panel (3 Cycles) Molecular HCV Viral Load EQA Panel (3 Cycles)	4 Vials	SSQ-X-HCV_VL-EQA SSQ-MOL-HCV_VL-EQA
	Xpert HCV VL Fingerstick EQA Panel (3 Cycles) Molecular HCV VL Fingerstick EQA Panel (3 Cycles)		SSQ-X-HCV_FS-EQA SSQ-MOL-HCV_FS-EQA
	Xpert HBV Viral Load EQA Panel (3 Cycles) Molecular HBV Viral Load EQA Panel (3 Cycles)	4 Vials	SSQ-X-HBV_VL-EQA SSQ-MOL-HBV_VL-EQA
VERIFICATION	Name and Description	Quantity	Catalogue #
	HCV Viral Load Verification 12 specimen (3 specimens tested per module)	12 Vials	SSQ-X-HCV_VL-VRF
	HCV Viral Load Fingerstick Verification 12 specimen (3 specimens tested per module)	12 Vials	SSQ-X-HCV-VLFS-VRF
	HBV Viral Load Verification 12 specimen (3 specimens tested per module)	12 Vials	SSQ-X-HBV_VL-VRF-3x4
	Linearity Validation Panel – Xpert HBV Viral Load (Accuracy Study: 10 Specimens) Reproducibility Validation Panel – Xpert HBV Viral Load (Precision Study: 5 Medium Positive, 5 Low Positive and 2 Negative Specimens)	10 Vials 12 Vials	SSQ-X-HBV_VL-VAL-A(LIN) SSQ-X-HBV_VL-VAL-P(REP)
	Linearity Validation Panel – Xpert HCV Finger Stick (Accuracy Study: 10 Specimens)	10 Vials	SSQ-HCV_VLFS-VAL-A(LIN)
	Reproducibility Validation Panel – Xpert HCV Finger Stick (Precision Study: 5 Medium Positive, 5 Low Positive and 2 Negative Specimens)	12 Vials	SSQ-HCV_VLFS-VAL-P(REP)
	Linearity Validation Panel – Xpert HCV Viral Load (Accuracy Study: 10 Specimens)	10 Vials	SSQ-HCV_VL-VAL-A(LIN)
	Reproducibility Validation Panel – Xpert HCV Finger Stick (Precision Study: 5 Medium Positive, 5 Low Positive and 2 Negative Specimens)	12 Vials	SSQ-HCV_VL-VAL-P(REP)

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# Human Papilloma Virus

## (Post Assessment)\*

SmartSpot Quality provides a non-infectious Dry Culture Spot (DCS) and/or liquid Human Papilloma Virus EQA and Verification Control Program.

The controls have been validated on GeneXpert. For compatibility with other platforms/assays, please contact us at [info@SmartSpotQ.com](mailto:info@SmartSpotQ.com)

EQA	Name and Description	Quantity	Catalogue #
	Xpert HPV Viral Load EQA Panel (3 Cycles)	4 Vials	SSQ-X-HPV_EQA
	Molecular HPV Viral Load EQA Panel (3 Cycles)		SSQ-MOL-HPV-EQA
VERIFICATION	Name and Description	Quantity	Catalogue #
	HPV Viral Load Verification 12 specimen (3 specimens tested per module)	12 Vials	SSQ-X-HPV_VRF-3x4

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# MRSA

SmartSpot Quality provides a non-infectious Dry Culture Spot (DCS) and/or liquid **Methicillin-resistant/Methicillin-susceptible Staphylococcus Aureus** EQA and Verification Control Program that is stable at ambient temperature.

The controls are compatible with **Xpert MRSA/SA SSTI, NxG, SA Nasal Complete and Blood Culture assays**. For compatibility with other platforms/assays, please contact us at [info@SmartSpotQ.com](mailto:info@SmartSpotQ.com)

EQA	Name and Description	Quantity	Catalogue #
	Xpert MRSA/SA EQA Panel (3 Cycles) (SSTI & NxG & SA Nasal Complete)	4 Spots	SSQ-X-MRSA_NxG-EQA
	Molecular MRSA/SA EQA Panel (3 Cycles)		SSQ-MOL-MRSA_DC-EQA
	Xpert MRSA/SA EQA Panel (3 Cycles) (MRSA/SA Blood Culture)	4 Vials	SSQ-X-MRSA_BC-EQA
	Molecular MRSA/SA EQA Panel		SSQ-MOL-MRSA_WB-EQA




VERIFICATION	Name and Description	Quantity	Catalogue #
	Xpert MRSA/SA Verification Panel (SSTI & NxG & SA Nasal Complete)	12 Spots	SSQ-X-MRSA_DC-VRF-3x4
	Molecular MRSA/SA Verification Panel 12 specimen (3 specimens tested per module)		SSQ-MOL-MRSA_DC-VRF-3x4
	Xpert MRSA/SA Verification Panel (MRSA/SA Blood Culture)	12 Vials	SSQ-X-MRSA_WB-VRF-3x4
	Molecular MRSA/SA Verification Panel 12 specimen (3 specimens tested per module)		SSQ-MOL-MRSA_WB-VRF-3x4



# CT/NG (Post Assessment)\*

SmartSpot Quality provides a non-infectious Dry Culture Spot (DCS) and/or liquid **Chlamydia trachomatis/Neisseria gonorrhoeae** EQA and Verification Control Program that is stable at ambient temperature.

The controls are compatible with **Xpert**. For compatibility with other platforms/assays, please contact [info@SmartSpotQ.com](mailto:info@SmartSpotQ.com)

EQA	Name and Description	Quantity	Catalogue #
	Xpert CT/NG EQA Panel (3 Cycles)	4 Spots	SSQ-X-CT/NG-EQA
VERIFICATION	Name and Description	Quantity	Catalogue #
	Xpert CT/NG Verification Panel	4 Spots	SSQ-X-CT/NG-VRF
	Xpert CT/NG Validation Panels	20 Spots	SSQ-X-CT/NG-20DCS

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# Syphilis (Post Assessment)\*

SmartSpot Quality provides a liquid **Syphilis** EQA and Verification Control Program.

The controls are compatible with commercial **Lateral Flow kits**. For compatibility with other platforms/assays, please contact us at [info@SmartSpotQ.com](mailto:info@SmartSpotQ.com)


EQA	Name and Description	Quantity	Catalogue #
	Syphilis – Antibody EQA Panel (3 Cycles)	4 Vials	SSQ-SYP_AB-EQA-pl

VERIFICATION	Name and Description	Quantity	Catalogue #
	Syphilis Antibody Validation Panel (7 High Positive, 8 Low Positive and 15 Negative Plasma Specimens)	30 Vials	SSQ-SYP_AB-VAL-30PI

# C. diff (Post Assessment)\*

SmartSpot Quality provides a non-infectious Dry Culture Spot (DCS) and/or liquid **Clostridioides difficile** EQA and Verification Control Program that is stable at ambient temperature.

The controls are compatible with **GeneXpert**. For compatibility with other platforms/assays, please contact [info@SmartSpotQ.com](mailto:info@SmartSpotQ.com)

EQA	Name and Description	Quantity	Catalogue #
	Xpert C.Difficile (3 Cycles)	4 Spots	SSQ-X-C.Diff-EQA

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