

LabPad[®]-Evolution

POINT OF CARE



Multi-technology
Multi-parameters
Point of Care device.



- Two technologies in a single device for a unique evolutive panel of tests:
 - Tsmart[®] INR
 - Ksmart[®] CRP
 - Ksmart[®] COVITOP (SARS-COV-2 Antigen)
 - Ksmart[®] SARS-CoV-2 Antibody IgG
- Designed to adapt to your practice
 - Worry free traceability and connectivity to your smartphone and LIS
- An innovative and efficient solution
 - A unique patented technology

BIOSYNEX

Tsmart® INR

The Tsmart® INR measurement system allows you to monitor your patients undergoing anti-vitamin K (AVK) anticoagulant treatment, and adapts perfectly to your medical practices as close as possible to the patients.

Ergonomic

- 3µL of capillary whole blood.
- 3D shape for easy handling.
- Built-in Datamatrix for automatic reading of batch calibration.
- Non-contact microcuvette ejection for operator safety.

Reliable

- Optical detection technique with excellent correlation to laboratory instruments.
- Individually packaged to ensure stability of the reagent.
- Pre and post-analytical optical self-checks.
- 2 QC levels available.

RESULTS IN THREE STEPS

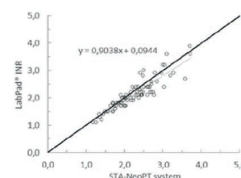
SMART®



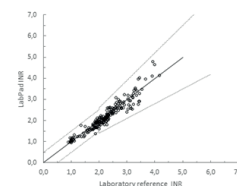
Features

Sample	3 µL capillary whole blood
Test time	<1 minute
Range of results	INR 0.8-8 PT 7.2-72 seconds QT 10-110 %
Kit contents	Tsmart® INR x 25
Shelf life	18 months
Storage	15-25°C / 59-77 °F
Réf	8014825

Performance



Initial clinical validation study performed in Grenoble University Hospital.



Multiples additional studies conducted in real-life routine conditions confirmed excellent performances.

Details available upon request.

Ksmart[®] CRP

The Ksmart[®] CRP measurement system is a rapid immunochromatographic test allowing the quantitative detection of the amount of C-reactive protein from whole blood or plasma samples. It aims to reduce diagnostic uncertainty and the decision to prescribe antibiotics during a consultation.

Optimization of the rendering of

- Result available in 3 minutes.
- CRP assay in POC significantly reduces the prescription of antibiotics in primary care
- Connectivity for results processing.

RESULTS IN THREE STEPS



Features

Sample	Capillary Whole Blood, venous blood and plasma
Test time	3 minutes
Range of results	0.5 à 200 mg/l
Kit contents	Ksmart [®] CRP X 25 Capillary 10 µL X 25 Dilution buffer X 25
Shelf life	18 months
Storage	4-30°C / 39.2-86 °F
Réf	1004012

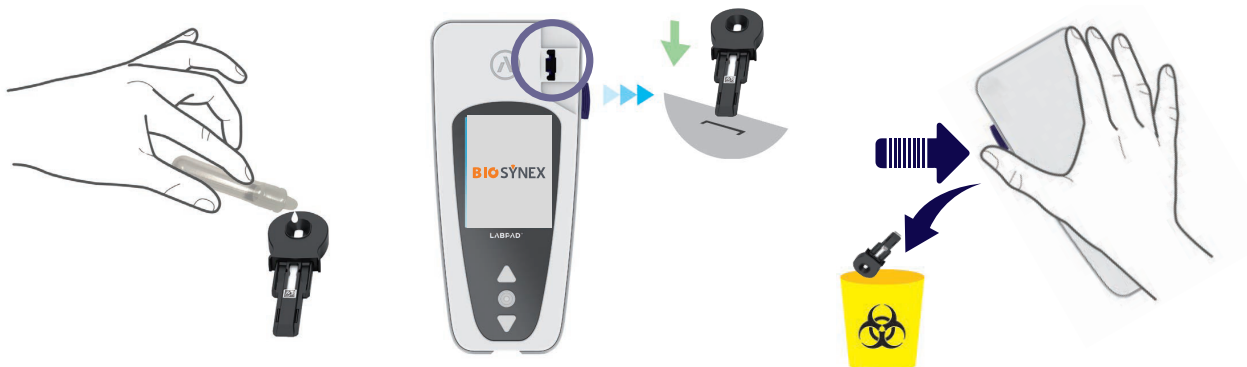
Ksmart® COVITOP

The Ksmart® COVITOP is a rapid immunochromatographic test for the qualitative detection of SARS-CoV-2 antigens in nasopharyngeal swabs.

Automated reading and interpretation eliminates inter-operator variability

- Results available within 5 to 20 minutes.
- Full connectivity for results processing.
- Automated reading and interpretation eliminating inter-operator variability.

RESULTS IN THREE STEPS



Features

Sample	Nasopharyngeal swab
Test time	5-20 minutes for positive test 20 minutes for negative test
Kit contents	Ksmart® COVITOP x 25 Nasopharyngeal sterile swab x 25 Extraction tube x 25 Extraction buffer x 2
Shelf life	12 months
Storage	4-30°C / 39.2-86 °F
Reference	1150035

Performance

		PCR Test		
		Positive	Negative	Total
Ksmart® SARS-COV2 COVITOP	Positive	98	1	99
	Negative	6	340	346
	Total	104	341	445

Sensitivity: 94.2%
Specificity: 99.7%

Details available upon request.
Manufacturer: BIOSYNEX SA (France)

Ksmart® SARS-CoV-2 Antibody IgG

The Ksmart® SARS-CoV-2 Antibody Test System is a rapid immunochromato-graphic test for the quantitative detection of IgG and the qualitative detection of IgM anti-S antibodies to SARS-CoV-2 in whole blood or serum samples. Which enables detection of primary infections as well as longterm monitoring of immune response.

Automated reading and interpretation eliminates inter-operator variability

- Results available in 20 minutes.
- Quantitative IgG result for longterm monitoring of the post-vaccination immune response.
- Connectivity for results processing.

RESULTS IN THREE STEPS

SMART®

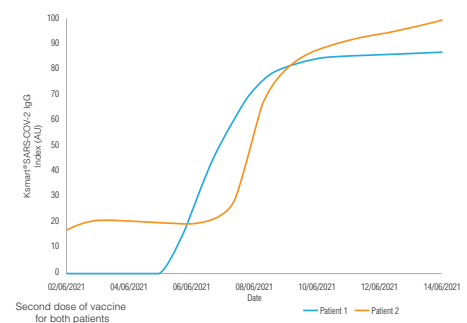


Features

Sample	Capillary Whole Blood, Serum
Test time	20 minutes
Results:	For IgG from 2 to 100 AU (Arbitrary Unit)
Kit contents	Ksmart® SARS-CoV-2 Antibody IgG x 25 Capillary 20 µL x 25 Pipette 70 µL x 25 Dilution buffer x 2
Shelf life	12 months
Storage	4-30°C / 39,2-86°F
Reference	8015262

Performance

Post-vaccination control of the immune response



LABPAD[®] EVOLUTION



THE RESULTS YOU NEED WHEN IT MATTERS MOST

An evolving panel of POC tests

Available

- Tsmart[®] INR (coagulation)
- Ksmart[®] SARS-COV-2 COVITOP
- Ksmart[®] SARS-CoV-2 Antibody IgG
- Ksmart[®] CRP

Coming soon

- Ksmart[®] D-Dimer
- Sepsis
- Nutrition

Connectivity that fits your needs



Mobile App

- Patient information
- Result transfers



LabPad[®]

- Test execution



Laboratory information system

- Result management and validation

Features

Consumables	Ksmart [®] and Tsmart [®] Touchless ejection preventing contamination
Memory	1 000 results
Connectivity	Bluetooth Low Energy USB B port
Power input	Built-in battery with charger
Operating conditions	15 - 32°C / 59 - 90°F
Size	L: 17.2 cm / W: 7,4 cm H: 2 to 4.6 cm
Weight	270 g
References	LabPad Evolution: 8001661



Manufacturer: BIOSYNEX SA (France).
In vitro diagnostic medical devices.
Carefully read the instructions for use.

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BIOSYNEX

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