



GENERAL VALIDATION REPORT																				
Item Description	MXV Mask	++Code	N/A																	
Manufacturer	Made KSA – Material MVX from japan made																			
Cat#	N/A	Lot#	00101	Expiry																
International Approvals																				
FDA	Yes	No	✓	EPA (USA)- BFR(Germany) KSA (TUV – MOH Haram Institute) - UK																
CE Mark	Yes	✓	No	CE																
Performance																				
Principle	The structure of nanofiber media makes them a unique material for fine dust particles, aerosols, bacteria's, or viruses. Nanofiber based filters provide better filtration performance than conventional melt blown materials with a quite smaller weight per basis area. MVX kill 99.9% of viruses to remain effective & sterile.																			
Intended Use	is a medical device covering the mouth, nose and chin ensuring a barrier that limits the transition of an infective agent between the hospital staff and the patient. They are used by healthcare workers to prevent large respiratory droplets and splashes from reaching the mouth and the nose of the wearer and help reduce and/or control at the source the spread of large respiratory droplets from the person wearing the face mask																			
Interferences	kill 99.9% of viruses to remain effective & sterile.																			
Method Limitations	<ul style="list-style-type: none">- A working area is equipped with three types of mask (surgical mask, N95, Test mask).- Put 200µl from positive samples of Covid-19 virus were placed on the outer surface in mask the side of the nose.- Leave it on for 10 minutes and take a swab using VTM.- After 1 Hours take a swab using VTM again.- After 2 Hours take a swab using VTM again.- The samples were examined by technique Real-time PCR method and the results were extracted as follows. <table border="1"><thead><tr><th></th><th>surgical mask</th><th>N95</th><th>Test mask</th></tr></thead><tbody><tr><td>After 10 Min</td><td>Detected</td><td>Detected</td><td>Detected</td></tr><tr><td>After 1 Hours</td><td>Detected</td><td>Detected</td><td>Not Detected</td></tr><tr><td>After 2 Hours</td><td>Detected</td><td>Detected</td><td>Not Detected</td></tr></tbody></table>					surgical mask	N95	Test mask	After 10 Min	Detected	Detected	Detected	After 1 Hours	Detected	Detected	Not Detected	After 2 Hours	Detected	Detected	Not Detected
	surgical mask	N95	Test mask																	
After 10 Min	Detected	Detected	Detected																	
After 1 Hours	Detected	Detected	Not Detected																	
After 2 Hours	Detected	Detected	Not Detected																	
Reagents																				
Preparation need	Yes	No	✓																	
Use extra disposables	Yes	No	✓																	
Accessories needed not provide	N/A																			
Shelf life	18 Month for cloth																			
Stability on-board	N/A																			
Statistical result (please attach)																				
Specificity	N/A	Linearity	N/A																	
Sensitivity	Pass	Accuracy	N/A																	
Precision	N/A	Efficiency	N/A																	
Mean	N/A	Assay Range	N/A																	
SD	N/A	CV	N/A																	
Reference Method	Positive Sample Checked by Real-time PCR method.																			
Other Comments																				
The rubber used needs to be well attached to the Mask.																				
VALIDATED & REVIEWED BY:		Approved BY																		
Mr. Adel Alzhrani		Dr. Talib Banassir																		

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Al Safwa Dimensions Est.

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مؤسسة أبعاد الصفاة

س.ت. ٤٠٣٠٢٢٥٩٩٨

تحرير في : 1440/10/05

الموقر..

سعادة / د.طالب باناصر
مدير إدارة المختبرات والمختبر القليمي بالعاصمة المقدسة

السلام عليكم ورحمة الله وبركاته

نود من سعادتكم بتجربة ماسك MXV النانو قماشي على الفايروس كورونا كوفيد ١٩ المستجد ،
وتعد التجربة الأولى بالماسك للحماية من الفايروس .

ولكم جزيل الشكر والتقدير ,,

مدير عام المؤسسة

م.الحسن عبدالوهاب نورولي



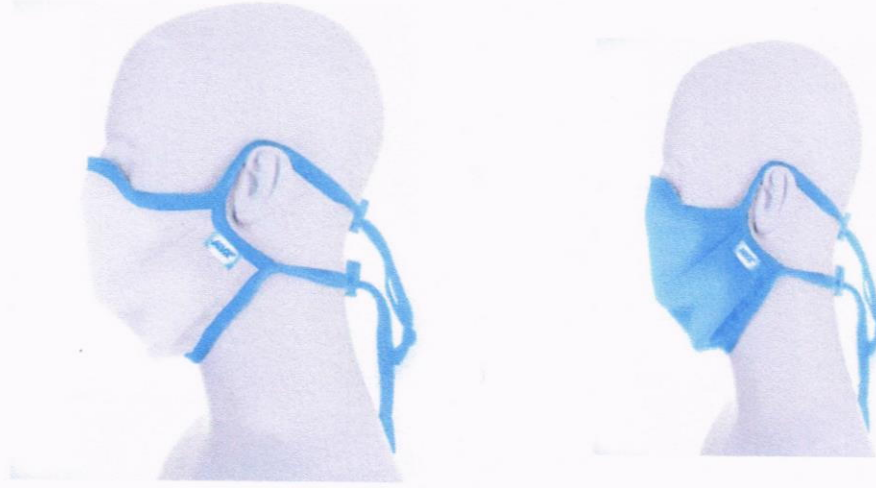
حي السليمانية - شارع الإبراهيمية ٦١ - 61 Alberahimayah St. - Aisulaimaniah Dist.

ص.ب ٢٣٣٤٢ جدة ٢٣٦٤ - المملكة العربية السعودية - تليفون: ٠١٢٦٢٩٩١٨١ - فاكس: ٠١٢٦٢٩٩١٨١ - جوال: ٠٩٦٦ ٥٤٢٨٨٩١١٦

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Mask Cloth MVX



No	Name	Description الشرح	Manufacturer الصنع	Lot Number
1	Mask MVX	Cloth – elastic – Material MVX قماش – مطاط – مادة التعقيم النانوية	Made KSA – Material MVX from japan made	00101
2	Expiry (shelf life)	18 Month for cloth شهر 18	Colors of Mask	Black – Gray – Blue Dark- White اسود – رصاصي - ازرق
3	The Material MVX sanitizing approval:	EPA (USA)- BFR(Germany) –CE - KSA(TUV – MOH- Haram Institute) - UK	Effecting	kill 99.9% of viruses to remain effective & sterile.