

# Latest Air Sanitation Technology for Laboratory – Astragene, Middle East’s first Molecular Diagnostics Manufacturing Company

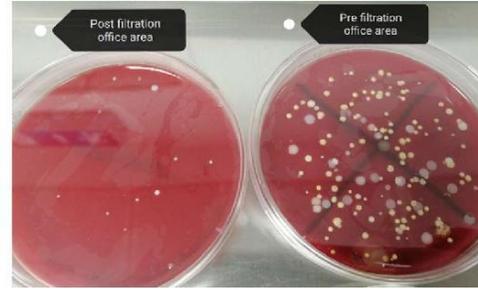


Photo: AstraGene

Beginning of December 2022, several TPA Air Sanitizers were installed in AstraGene's Laboratories and Clean Room. After just a few days, the result was clearly measurable. Even in the "clean room" a additional reduction in particles and germs in the air could be measured. These rooms are equipped with high-performance HEPA filters, as required by law, but these naturally never achieve 100% filter performance. The electric TPA filter reduces the number of particles to almost zero, which is permanently monitored and recorded by a precise Air Quality Analyzer.

"The highest possible purity and quality of our products is particularly important to us. The latest filter technology is an indispensable component in quality assurance," says Dr Palat K Menon, Founder of AstraGene.

Now, after half a year of operation, a positive balance can be certified. Not only that the replacement and costs of HEPA filter could be reduced significantly, the quality of the products has also been increased. Thanks to the latest Air Sanitation Technology, highly sterile diagnostic reagents, kits and instruments can be produced at highest international quality standards even in laboratories surrounded by a dusty desert environment.

## Air Quality Testing

Area Of Test	Organism Colony Count (cfu)			
	BLOOD AGAR		SDA	
	Pre Filtration	Post Filtration	Pre Filtration	Post Filtration
Office area	152	14	8	3
Lab area	28	26	5	2



Photo: TPA Air Technology LLC

## About AstraGene:

AstraGene is UAE's first Molecular Diagnostics Manufacturing company located in Dubai at Dubai Science Park, UAE. Established in 2020, AstraGene LLC vision is to emerge as a leading manufacturer and marketer of in-vitro diagnostic reagents, kits and instruments both nationally and internationally. We make lab tests easy, with at home testing kits for a wide variety of tests. We have established collaborations across the globe for collaboration and contract manufacturing.

[www.astragene.com](http://www.astragene.com)

## About TPA Air Technology:

TPA Air Technology LLC was founded after the successful launch of the Airdog TPA advanced indoor air sanitation technology at Expo 2020 by Airdog TPA Germany. All companies are part of the worldwide Airdog TPA network, researching, developing and providing sustainable air sanitizing solutions, to boost the long-term health of the community and a further step in the target to achieve carbon neutrality.

[www.airdog.ae](http://www.airdog.ae)