



YOUR **EPI**SMOKE TEST **RESULTS**

This report provides you with the results of your “epigenetic Smoke” Test

Your Barcode: _____

Date: _____

Testing Laboratory: HKG epiTherapeutics Limited
Address: Unit 313-315, Biotech Centre 2,
11 Science Park West Avenue,
Hong Kong Science Park,
Shatin, Hong Kong



TABLE OF CONTENTS



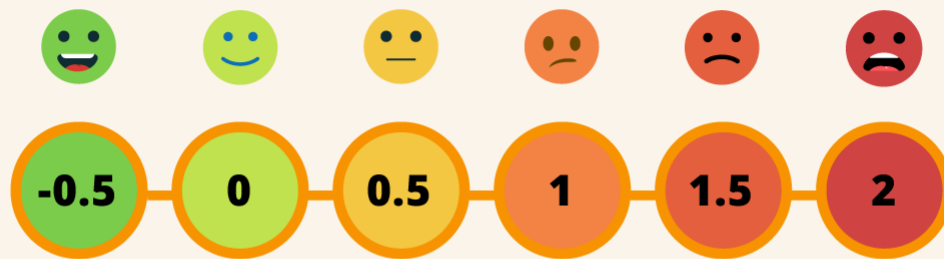
- 3 Your result
- 4 Why is your “epiSmoke” Important?
- 5 What do the results of the epiSmoke test mean?
- 6 What can I do if my “epiSmoke” is Positive?

YOUR RESULT



Your EpiSmoke Score

LEGEND



You might consider it as a **“red flag”** when your **“epismoke”** score is higher than 0.5

Disclaimer

HKG epiTherapeutics is committed to adhering to the requirements of the Personal Data Ordinance, ensuring that all personal data retained are accurate and secured. All other information, including images, logos, and any digital or printed materials, is copyrighted and not available for unauthorized reuse.

The information provided in this report is not intended to replace professional medical advice from health practitioners. HKG epiTherapeutics does not offer medical advice or engage in medical practice. Readers should not delay seeking medical advice or disregard professional medical guidance based on information contained within this report. It is always recommended that individuals consult their healthcare providers for medical advice and decision-making.

The test(s) provided are for informational purposes only and are not intended for clinical diagnostic use. As such, they are not typically subject to review by the FDA.

WHY IS YOUR "EPISMOKE" IMPORTANT?



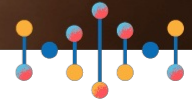
- ✔ Smoking is a well-known cause of lung and other cancers, respiratory and cardiovascular diseases, and it increases the risk of stroke. It's also a contributing factor to impotence. Consequently, monitoring and preventing exposure to tobacco smoke is crucial for health.
- ✔ Cigarette smoke, including secondhand exposure, alters the epigenetic markers on genes. By measuring changes in these markers, we can detect exposure to smoking.
- ✔ At HKG epiTherapeutics, we employ a proprietary next-generation sequencing technique to assess epigenetic changes resulting from tobacco smoke exposure. The process begins simply by sending you a saliva collection kit.
- ✔ Once we receive your sample in our laboratory, it typically takes 2-3 weeks to analyze. We'll then provide you with results that indicate whether you have been directly or indirectly exposed to cigarette smoke, as evidenced by epigenetic marks on your DNA. This valuable information can be used to take proactive steps in reducing your smoke exposure and to monitor the reversal of these epigenetic changes over time.

WHAT DO THE RESULTS OF THE **EPI**SMOKE TEST MEAN?



- ✔ After extensive data mining, using proprietary methodology, we are analyzing methylation in a **smoke related region** in DNA that accurately measures the level of the exposure to smoke
- ✔ We prepare DNA from your saliva and then measure the level of DNA methylation in your genome using next-generation sequencing and bisulfite mapping. Your states of DNA methylation are inserted into a mathematical equation/algorithm that calculates the “smoke exposure” as a **function** of the level of **DNA methylation**.
- ✔ You could consider an “**epiSmoke**” score of **0.5 or higher** as a “**red flag**” which might suggest that you act to change your smoking habits, reduce your exposure to secondhand smoke, or consult your physician

WHAT CAN I DO IF MY “EPI-SMOKE” IS POSITIVE?



- ✔ According to the Centers for Disease Control and Prevention, “Smoking causes cancer, heart disease, stroke, lung diseases, diabetes, and chronic obstructive pulmonary disease (COPD), which includes emphysema and chronic bronchitis. Smoking also increases risk for tuberculosis, certain eye diseases, and problems of the immune system, including rheumatoid arthritis.”
- ✔ Importantly, exposure to smoke contributes to approximately **41,000 deaths** among non-smoking **adults** and **400 deaths in infants** each year. Secondhand smoke causes stroke, lung cancer and coronary heart disease in adults. Children who are exposed to secondhand smoke are at increased risk for sudden infant death syndrome, acute respiratory infections, middle ear disease, more severe asthma, respiratory symptoms, and slowed lung growth.