



**STAT PEEL®**

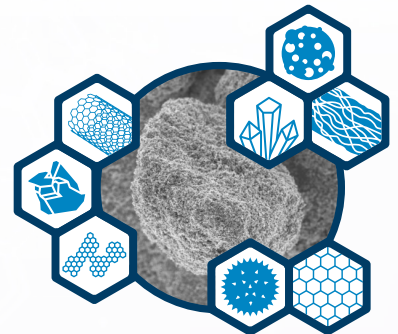
# Sampling kit

**Stat Peel's Identifier detection system monitors personal exposure to potentially harmful airborne particles. Our Raman spectroscopy approach is ideal for advanced materials because it is material-selective and all analysis can be done on site.**

If you work with advanced materials and you aren't sure yet that the Identifier is right for your facility, our sampling service is a good first step. With the sampling kit, you can easily monitor exposure to airborne particles using our wearable badges and then return everything to us to be analyzed by the Identifier in the Stat Peel lab.

## Materials

- carbon nanotubes (CNT) (MWCNT, SWCNT, etc)
- graphene
- carbon black
- boron nitride nanotubes or platelets
- battery cathode and anode materials
- titanium dioxide
- various metal oxides & nitrides
- respirable crystalline silica (RCS)
- polymers
- other advanced materials
- APIs



## Standard sampling service includes

- 6 badges
- 24 filtration slides
- a tablet computer
- a simple toolkit
- analysis of the slides at our lab



**MATERIAL-SELECTIVE SAMPLING SERVICE**

# Sampling Service

## STAT PEEL®

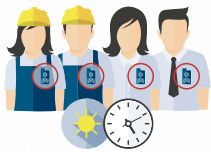
### How does it work?



**1. The sampling kit flies from the Stat Peel lab to your location.**



**2. The user operates the badges with the tablet.**



**3. The user wears the badge throughout the workday.**  
The badges can also be placed in different locations in the facility.



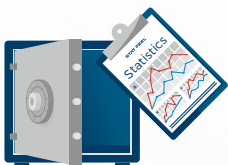
**4. The badge filters air and collects particles.**



**5. You send the entire kit back to Stat Peel.**



**6. The Identifier analyzes the filtration slides and calculates exposure.**



**7. Stat Peel generates a detailed exposure report.**  
All information will remain confidential.

Contact Stat Peel to request and schedule the sampling service.

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