

Ovalbumin (OVA)-induced asthma mouse model

TMC provides this service for users to measure respiratory resistance parameter Penh in a mouse model of asthma. To set up the airway inflammation asthma model, the tested mice were immunized by i.p. injections of ovalbumin (OVA), and then followed with airway sensitization by inhalation of aerosolized OVA. Then the respiratory resistance parameter Penh of mice was measured by using the BUXCO WBP system. The OVA inhalation-induced airway inflammation asthma mice model is simple, time effective, and flexible. The model offers users to custom-design their experiment protocols (e.g., sensitization duration, or drug treatment regime). The fee is subject to change based on the customized protocols.

Unrestrained
Whole Body
Plethysmography
(WBP) of Buxco



Respiration parameters:
Peak Inspiratory Height (PIF),
Peak Expiratory Height (PIF),
Expiratory Time (Te),
respiration resistance (Penh)

