

# ALLERGY PRODUCTS

## **FLOWCAST® highsens**

A flow cytometry assay measuring the increased expression of **both** CD63 and CD203c via basophil activation after allergen stimulation.

- Catalog # [01-FK-HSBAT](#)
- 100ul sample size
- Total incubation time of 1 hour
- Improved sensitivity and specificity
- Ideal for chemical allergens like food additives and commercial drugs

## **FLOWCAST®**

A flow cytometry assay measuring the increased expression of the CD63 surface marker via basophil activation after allergen stimulation.

- Catalog # [01-FK-CCR](#)
- 50ul sample size
- Total incubation time of 30 minutes
- Ideal for protein allergens like insect venoms, food, and inhalants

## **CAST®**

An ELISA assay measuring sulfidoleukotrienes produced by isolated leukocytes after cell stimulation with selected allergens.

- Catalog # [01-EK-CAST](#)
- 2ml sample size
- Assay range of 50-3100 pg/ml
- Results within 3 hours
- Assay contains a high, low, and stimulation control
- Method available for detection in equine samples

## **ALLERGEN STIMULATION OPTIONS**

A comprehensive [list](#) of quality controlled, validated, and standardized allergens available for use with the CAST® assays.

- Insect venoms
- Drugs – antibiotics, analgesics, myorelaxants, local anesthetics, contrast media, antiseptics
- Environmental/Occupational
- Inhalants –grasses, trees, molds, mites, animals
- Food – egg, milk products, fish, meat, fruits, vegetables, nuts, grains
- Food Additives
- Recombinant Allergens
- Allergen mixes