

## 转基因成分、过敏原 以及肉类成分真实性检测

随着转基因产品的日益普及和广泛应用，公众对转基因产品的关注也越来越高。但转基因食品的安全性在世界范围内仍存在争议，世界各国相继制定法规来加强转基因产品的管理，并且设置贸易性技术壁垒限制该类产品的进口。同时，食用某种食品过敏的人日趋增多，已严重影响到人们的生活质量，甚至危及生命。食品过敏已经成为让人头疼的问题之一，尤其是2012年4月20日生效的《预包装食品标签通则》中对食品过敏原提出了推荐性标识要求。

梅里埃营养科学(中国)拥有国际先进的分子生物检测设备以及专业的检测团队，针对农产品、食品、饲料等提供转基因成分定性测试分析，过敏原分析以及肉类成分真实性鉴定分析。

测试能力	
转基因测试	小麦及其产品(高级筛选4位点, IP筛选5位点)、水稻及其产品(基础筛选3位点, 高级筛选4~5位点, IP筛选4位点)、大豆及其产品(基础筛选3位点, 高级筛选5~8位点, IP筛选13位点)、玉米及其产品(基础筛选3位点, 高级筛选6位点, IP筛选16位点)、番茄及其产品(高级筛选4位点, IP筛选6位点)、马铃薯及其产品(高级筛选3~7位点, IP筛选5位点)、油菜及其产品(高级筛选5~9位点, IP筛选5位点)、甜菜及其产品(高级筛选3~4位点, IP筛选14位点)、棉花及其产品(高级筛选6~7位点, IP筛选14位点)、木瓜及其产品(高级筛选4位点, IP筛选7位点)、其他基质(高级筛选3~4位点)等。
过敏原测试	ELISA法: 花生、麸质、全奶蛋白、鸡蛋蛋白、芝麻、榛子、扁桃仁、核桃、腰果、大豆过敏原等 PCR法: 花生、麸质、羽扇豆、芹菜、芥末、鱼、软体动物及甲壳类过敏原等
肉类成分真实性鉴定	猪、牛、羊、鸡、鸭、马、驴、绵羊、山羊、黄牛、水牛、牦牛等肉源性成分



# Food – GMO, Allergen, Meat Component

With the popularization and wide application, the public pay more and more attention to genetically modified foods. While the safety of genetically modified foods is still in controversy around the world, governments of all countries carried out regulations to strengthen management of genetically modified products, and set up technical barriers to limit the import of such products. At the same time, along with more and more people are allergic to certain kind of food, food allergy has affected people's life quality and even threatened their lives. Food allergy has become one of the severe health problems, in particularly, <General Rules for Labeling of Pre-package Food> which came into effect on April 20, 2012 raised a claim on food allergen recommended label.

Mérieux NutriSciences China equipped with international advanced molecular biological equipments and having professional team, provides GMO and allergen testing services on food, agricultural products and feed. Besides, Mérieux NutriSciences China also provides the authenticity identification of meat component.

Testing Capability	
GMO Testing	Wheat & its products (Advanced screening 4 gene locus, IP screening 5 gene locus)、Rice & its products (Basic screening 3 gene locus, Advanced screening 4~5 gene locus, IP screening 4 gene locus)、Soybean & its products(Basic screening 3 gene locus, Advanced screening 5~8 gene locus, IP screening 13 gene locus)、Corn & its products (Basic screening 3 gene locus, Advanced screening 6 gene locus, IP screening 16 gene locus)、Tomato & its products (Advanced screening 4 gene locus, IP screening 6 gene locus)、Potato & its products (Advanced screening 3~7 gene locus, IP screening 5 gene locus)、Rape & its products (Advanced screening 5~9 gene locus, IP screening 5 gene locus)、Sugarbeet & its products (Advanced screening 3~4 gene locus, IP screening 14 gene locus)、Cotton & its products (Advanced screening 6~7 gene locus, IP screening 14 gene locus)、Papaya & its products (Advanced screening 4 gene locus, IP screening 7 gene locus)、Other matrix (Advanced screening 3~4 gene locus), etc.
Allergen Testing	ELISA: Peanut, Gluten, Total milk protein, Egg protein, Sesame, Hazelnut, Almond, Walnut, Cashew, Soy allergen. PCR: Peanut, Gluten, Lupin, Celery, Mustard, Fish, Molluscs, Crustaceans allergen.
Identification Of Animal-Originated Ingredients	Porcine-derived, Bovine-derived, Ovine-derived, Chicken-derived, Duck-derived, Horse-derived, Sheep-derived, Goat-derived, Yellow-cattle-derived, Buffalo-derived, Yak-derived, etc.

## ANY QUESTIONS?

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