

OUTFOX YOUR INTOLERANCE!

KEY FEATURES

ANTIGEN PANEL

- 287 food antigens from 13 food groups available
- Staple & novel foods included
- Cross-reactive carbohydrate determinants included

INDICATIONS*

- Dietary status & Dietary adherence analysis
- Inflammatory Bowel disease
- Irritable Bowel Syndrome
- Depression & Migraine
- IgG mediated food intolerance

TECHNOLOGY

- IgG multiplex (ELISA based) assay
- Nano-bead technology
- Detection of IgG antibodies (IgG subclasses 1-4)
- Semi-quantitative results
- Design your food antigen panel(s) via multiplex on demand software

FOX

NUMBER OF TESTED FOOD ANTIGENS: 287

VEGETABLES

Artichoke, Arugula, Avocado, Bamboo sprouts, Broccoli, Brussels sprouts, Cabbage, Caper, Carrot, Cauliflower, Celery_Butb, Celery_Stalk, Chard, Chicorée, Chinese cabbage, Chives, Cucumber, Eggplant, Endive, Fennel (bulb), Garlic, Green cabbage, Horseradish, Kiwano, Kohlrabi, Lamb's lettuce, Leek, Nettle leaves, Olive, Onion, Parsnip, Pok-Choi, Potato, Pumpkin_Butternut, Pumpkin_Hokkaido, Radicchio, Radish, Red beet, Red cabbage, Romanesco, Savoy, Shallot, Spinach, Sweet potato, Tomato, Turnip, Watercress, White Asparagus, White cabbage, Wild garlic, Zucchini

NUTS

Almond, Brazil nut, Cashew, Coconut, Coconut milk, Hazelnut, Kola nut, Macadamia, Pecan nut, Pine nut, Pistachio, Sweet chestnut, Tigernut, Walnut

LEGUMES

Green bean, Lentil, Mung bean, Pea, Peanut, Soy, Sugar pea, Tamarind, White bean

FISH & SEAFOOD

Abalone, Atlantic cod, Atlantic herring, Atlantic redfish, Carp, Caviar, Cockle, Common mussel, Crab, Eel, European anchovy, European pilchard, European plaice, Gilt-head bream, Haddock, Hake, Lobster, Mackerel, Monkfish, Noble crayfish, Northern pike, Northern prawn, Octopus, Oyster, Razor shell, Salmon, Scallop, Sepia, Shrimp mix, Sole, Squid, Swordfish, Thiorback Ray, Trout, Tuna, Turbot, Venus clam

EDIBLE MUSHROOMS

Boletus, Chanterelle, Enoki, French horn mushroom, Oyster mushroom, White Mushroom

COFFEE & TEA

Chamomile, Cocoa, Coffee, Hibiscus, Jasmine, Moringa, Peppermint, Tea black, Tea green

MEAT

Beef, Boar, Chicken, Duck, Goat, Horse, Lamb, Ostrich, Pork, Rabbit, Stag, Turkey, Veal, Venison

FRUITS

Apple, Apricot, Banana, Blackberry, Blueberry, Cherry, Cranberry, Date, Elderberry, Fig, Gooseberry, Grape, Grapefruit, Kiwi, Lemon, Lime, Lychee, Mango, Melon, Mulberry, Nectarine, Orange, Papaya, Passion fruit, Peach, Pear, Physalis, Pineapple, Plum, Pomegranate, Raisin, Raspberry, Red currant, Strawberry, Tangerine, Watermelon

EGG & MILK

Buffalo's milk, Buttermilk, Camel's milk, Camembert, Cottage cheese, Cow's milk, Egg white, Egg yolk, Emmental, Goat cheese, Goat's milk, Gouda, Mozzarella, Parmesan, Quail egg, Sheep cheese, Sheep's milk

NOVEL FOODS

Almond milk, Aloe, Aronia, Baobab, Chia seed, Chlorella, Dandelion root, Ginkgo, Ginseng, Greater burdock root, Guarana, House cricket, Maca root, Mealworm, Migratory locust, Nori, Safflower oil, Spirulina, Tapioca, Wakame, Yacón root

SPICES

Anise, Basil, Bay leaf, Caraway, Cardamom, Cayenne pepper, Chili (red), Cinnamon, Clove, Coriander, Cumin, Curry, Dill, Fenugreek, Ginger, Juniper berry, Lemongrass, Majoram, Mint, Mustard, Nutmeg, Oregano, Paprika, Parsely, Pepper (black/white/green/red/yellow), Rosemary, Sage, Tarragon, Thyme, Turmeric, Vanilla

CEREALS & SEEDS

Amaranth, Barley, Buckwheat, Chickpea, Corn, Durum, Einkorn, Emmer, Gluten, Hempseed, Linseed, Lupine seed, Malt (barley), Millet, Oat, Polish wheat, Poppy seed, Pumpkin seed, Quinoa, Rapeseed, Rice, Rye, Sesame, Spelt, Sunflower, Wheat, Wheat bran, Wheat gliadin, Wheatgrass

OTHER

Agar Agar, Aspergillus niger, Baker's yeast, Brewer's yeast, Elderflower Honey, Hops, M-Transglutaminase, meat glue, Cane sugar, Cross-reactive Carbohydrate Determinants

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FOX is available for automated & manual processing.

Further information on processing systems can be found on www.macroarraydx.com/downloads-and-clips

REFERENCES

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3. Serological investigation of IgG and IgE antibodies against food antigens in patients with inflammatory bowel disease. HY Wang et al. 2019; World Journal of Clinical Cases
4. The Value of Eliminating Foods According to Food-specific Immunoglobulin G Antibodies in Irritable Bowel Syndrome with Diarrhoea. H Guo et al. 2012; The Journal of International Medical Research
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7. Chronic Food Antigen-specific IgG-mediated Hypersensitivity Reaction as A Risk Factor for Adolescent Depressive Disorder. R Tao et al. 2019; Genomics, Proteomics & Bioinformatics
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* The connection between food intake, elevated IgG levels and chronic disorders has been described in peer reviewed publications and case studies. Nonetheless, this connection is still debated in the scientific community and a consensus has not been reached so far.

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