

**Recommendation to use SureFood® PREP Basic and SureFood® PREP Advanced**

April 2021

Information

Matrix	Detection of	recommended PREP kit
almond	Allergen	Advanced (protocol 2) take 50 mg sample and 800 µl Lysis Buffer; second centrifugation of the supernatant after the lysis
baby food	Allergen	Advanced (protocol 1)
biscuits	Allergen	Advanced (protocol 1)
	Plant	Basic
	Animal	Basic elution with 50µl
Bonbons	GMO	Advanced (protocol 2)
	Allergen	Advanced (protocol 1)
cereal starch, potato starch	Allergen	Advanced (protocol 1)
cereals; grain bar	Allergen	Advanced (protocol 1) if necessary add 300 µl Lysis Buffer
	GMO	Basic
cereals; grain bar with chocolate	GMO	Advanced (protocol 2)
cheese (cream cheese, hard cheese)	Allergen, Animal	Advanced (protocol 1) take 200 mg sample and add 300 µl Hexan
chocolate cream, chocolate chips, nougat creme	Allergen	Advanced (protocol 1)
coloring sample , e.g. paprika powder, curcuma, chocolate, cocoa powder	Allergen	Advanced (protocol 1)
	GMO	Basic take 100 mg sample
cornflakes	Allergen, GMO	Advanced (protocol 2) take 100 mg sample, if necessary add 300 µl Lysis Buffer
dough (focaccia, pizza, pasta, pastry, potato, potato fritter, wholemeal)	Allergen	Advanced (protocol 1)
dried herbs	Allergen	Advanced (protocol 1) if necessary add 300 µl Lysis Buffer
	GMO, Plant	Basic if necessary add 300 µl Lysis Buffer

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fat, oil, samples with high content of fat (mayonnaise, spread, lard, lecithin)	Allergen	Advanced (modified protocol 1) take 500 mg sample, add 1 ml Hexan and 900 µl Lysis Buffer
fat, oil, samples with high content of fat (mayonnaise, spread, lard, lecithin)	GMO, Plant	Basic take 200 mg sample, add 1 ml Hexan and 400 µl Lysis Buffer, elution with 50µl
fish fillet	Animal	Basic without prefilter
fish, shrimps	Allergen	Advanced (protocol 1)
Fish flour	Fish ID	Advanced (protocol 2) take 100 mg sample
flour (of cereals, soy beans, rapeseed, oat, millet and similar)	Allergen	Advanced (protocol 1)
flour (kamut)	Plant	Basic
Flour (corn)	GMO	Basic
fresh herbs	Allergen	Advanced (protocol 1)
	GMO	Basic
fresh vegetables (for example parsnip, onion, peas, leek, cabbage, spinach) and dried (for example parsnip, onion)	Allergen	Advanced (protocol 1)
	GMO	Basic
fruits (e.g. kiwi, papaya, nectarine, berries)	GMO	Basic
fruits (e.g. plum, fig)	Allergen	Advanced (protocol 1)
ground corn sample	GMO	Basic
ground soybean sample	GMO	Basic
Hazelnut paste	Allergen	Advanced (protocol 1) take 200 mg sample
honey	GMO	Basic Honey protokol
Indian sleeping berry (Ashwagandha Root Extract Granules)	Allergen	Advanced (protocol 2) take 50 mg sample

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instant meal (containing meat)	Animal	Basic
instant sauce powder	Allergen	Advanced (protocol 1)
jam	Allergen	Advanced (protocol 2)
jelly bears	Allergen	Advanced (protocol 1) Deep freezing before homogenization
	Animal	Basic Deep freezing before homogenization, elution with 50µl
kelp	Allergen	Advanced (protocol 2) take 100 mg sample
lasagne	Allergen	Advanced (protocol 1)
linseed	GMO	Basic take 800 µl Lysis Buffer, 40 µl Proteinase and 400 µl Binding Buffer
lovage	Allergen	Advanced (protocol 2) take 50 mg sample, if necessary add 300 µl Lysis Buffer
	GMO	Basic
marzipan, persipan	Allergen	Advanced (protocol 1)
marzipan, persipan	Plant	Basic
meat, raw, roasted (meatballs, minced meat and similar)	Allergen	Advanced (protocol 1)
meat, roasted	Animal	Basic
meat-and-bone meal	Animal	Basic elution with 50µl
meat substitute	Animal	Basic
	Plant	Advanced (protocol 1)
milk	Animal	Basic Pelletize 1 ml; use pellet with 100 µl supernatant, elution with 50µl
	Allergen	Advanced (protocol 1) Pelletize 1 ml; use pellet with 100 µl supernatant

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Milk powder, whey powders	Animal	Basic
mixed herbs, spice extract	Allergen, GMO	Advanced (protocol 2) take 50 mg sample
mushrooms, dried	Allergen	Advanced (protocol 2) take 100 mg sample, add 600 µl Lysis Buffer
Nuts, nut mash, bar with nuts	Allergen	Advanced (protocol 1)
Parsnip, ground	Allergen	Advanced (protocol 1) Add 300 ml Lysis Buffer
pasta	Plant	Basic
pet food (canned food, dry food, plant based pellets)	Animal, Plant, Allergen	Advanced (protocol 1)
	Animal	Basic
pizza	Allergen	Advanced (protocol 1) take 200 mg sample and add 300 µl Hexan
plants in general (sunflower, soya)	GMO	Basic
poppy	Allergen	Advanced (protocol 1)
	GMO	Advanced (protocol 2) take 50 mg sample and 800 µl Lysis Buffer; second centrifugation of the supernatant after the lysis
Pork protein	Animal	Basic
portato powder	Allergen	Advanced (protocol 1) Add 300 ml Lysis Buffer
protein powder	Allergen	Advanced (protocol 2) take 100 mg sample
Psyllium husk	Allergen	Advanced (protocol 1) take 50 mg sample, add 1400 µl Lysis Buffer
Pumpkin powder, dehydrated	Allergen	Advanced (protocol 1)

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quinoa	Allergen	Advanced (protocol 1)
raw meat ; minced meat	Animal	Basic without prefilter
rampion root	Allergen	Advanced (protocol 1) take 50 mg sample
rice and rice cookies	GMO	Advanced (protocol 1)
	Plant	Basic
rinse water with sediment	Allergen	Advanced (protocol 1) Pelletize 2 x max. 10 ml; use pellet with 100 µl supernatant
salad (meat salad, egg salad, carrot salad and more)	Allergen	Advanced (protocol 1) take 200 mg sample
salt	Allergen	Advanced (protocol 2) take 100 mg sample
sausage products (cooked sausage, meat paste, ham and more)	Allergen	Advanced (protocol 1)
sausage products (cooked sausage, meat paste, ham and more)	Animal	Basic
scalded sausage	Allergen	Advanced (protocol 1)
shortbread	Allergen	Advanced (protocol 1)
soups, creamy	Allergen	Advanced (protocol 1) take 200 mg sample
soy milk	Allergen	Advanced (protocol 1) Pelletize 1 ml; use pellet with 100 µl supernatant
	GMO	Basic Pelletize 1 ml; use pellet with 100 µl supernatant, elution with 50µl
spices (anise, cinnamon, chili, coriander, dried pepper, clove, mustard seed, laurel, marjoram)	Allergen	Advanced (protocol 2) take 50 mg sample, if necessary add 500 µl Lysis
	GMO	Basic
spices (tomato granulate, green pepper, garlic granulate, paprika granulate, caraway, saffron)	Allergen	Advanced (protocol 1)
	GMO	Basic

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spinach powder	Allergen	Advanced (protocol 1) If necessary add 300 µl Lysis Buffer
swabs	Animal	Basic without prefilter, elution with 50µl
swabs, wiping sample	Allergen	Advanced (protocol 1) If necessary take more Lysis Buffer (swab must be covered)
Surimi sticks	Allergen	Advanced (protocol 1)
Tea, fruit tea, herbal tea	Allergen	Advanced (protocol 1)
tofu	Allergen	Advanced (protocol 1) take 250 mg sample, add 300 µl Hexan, add 200 µl Lysisbuffer
	GMO	Advanced (protocol 1)
wasabi paste and dried powder	Plant	Basic
Wasabi, fresh root	Plant	Advanced (protocol 2)
Yeast, powder and extract	Allergen	Advanced (protocol 1)

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