

## MARIA® for Foods

<u>Food</u>	<u>Target protein</u>	<u>Capture Antibody</u>	<u>Allergen Standard*</u>	<u>Magnetic Bead Set**</u>	<u>Detector Antibody</u>
Cashew	Ana o 3	mAb 1H4	rAna o 3	34	mAb 4A11
Peanut	Ara h 1	mAb 4E2	nAra h 1	9	mAb 2F2
Peanut	Ara h 3	mAb 1E8	nAra h 3	30	mAb 4G9
Peanut	Ara h 6	mAb 3B8	nAra h 6	66	mAb 3E12
Celery	Api g 1	mAb 5D4	rApi g 1	43	mAb 7C4
Milk	Bos d 5	mAb NBD5-1	nBos d 5	52	mAb NBD5-2
Milk	Bos d 11	mAb VBIC	nBos d 11	65	mAb CC11
Hazelnut	Cor a 9	mAb 3B6	nCor a 9	36	mAb 6F5
Fish	Cyp c 1	mAb 9A6	rCyp c 1	53	mAb 7C5
Egg	Gal d 1	mAb 5G11	nGal d 1	54	mAb 2B2
Egg	Gal d 2	mAb 1B4	nGal d 2	29	mAb 7D8
Soy	Gly m 5	mAb 6F6	nGly m 5	27	mAb 1B9
Walnut	Jug r 1	mAb 7D7	rJug r 1	44	pAb
Sesame	Ses i 1	pAb	rSes i 1	62	pAb
Mustard	Sin a 1	mAb 3B4	rSin a 1	46	mAb 2B11
Wheat	Tri a 19	mAb 8B10	rTri a 19	7	mAb 3C10
Shrimp	Tropomyosin	mAb 1A6	nShrimp Tropomyosin	78	pAb

\* Allergen standards were either purified from natural source materials (n) or expressed as recombinant proteins (r) in *Pichia pastoris*.

\*\* Number indicates the bead set in the Luminex xMAP system to which capture antibodies were covalently coupled.