



Recombinant allergens for in vitro diagnosis of allergies caused by Pollen

bioallergens 
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EUROPEAN WHITE BIRCH (*Betula verrucosa*)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
Bet v 1	RAL0011	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Pathogenesis-related protein (PR-10)
Bet v 4	RAL0009	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Polcalcin

LONDON PLANE TREE (*Platanus acerifolia*)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
Pla a 1	RAL0019	<i>P. pastoris</i>	WB, DB, IE, DE, CLIA, LF	Invertase inhibitor
Pla a 3	RAL0021	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Non-specific lipid transfer protein type 1 (LTP)

MUGWORT POLLEN (*Artemisia vulgaris*)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
Art v 1	RAL0005 🏆	<i>P. pastoris</i>	WB, DB, IE, DE, CLIA, LF	Defensin-like protein
Art v 3	RAL0006 🏆	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Non-specific lipid transfer protein type 1 (LTP)
	RAL0048	<i>P. pastoris</i>	WB, DB, IE, DE, CLIA, LF	

OLIVE TREE (*Olea europaea*)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
Ole e 1	RAL0012	<i>P. pastoris</i>	WB, DB, IE, DE, CLIA, LF	Proteins similar to Ole e 1
Ole e 2	RAL0010	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Profilin
Ole e 5	RAL0047	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Superoxide dismutase [Cu-Zn]

PELLITORY-OF-THE-WALL (*Parietaria judaica*)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
Par j 2	RAL0020	<i>P. pastoris</i>	WB, DB, IE, DE, CLIA, LF	Phospholipid transfer protein (LTP)

RUSSIAN THISTLE (*Salsola kali*)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
Sal k 1	RAL0018	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Pectin methylesterase

TIMOTHY GRASS POLLEN (*Phleum pratense*)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
Phl p 1	RAL0001	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Beta-expansin
Phl p 5a	RAL0003	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Unknown
	RAL0003BIOT	<i>E. coli</i>	WB, DB, CE, NP, PO	Phl p 5a biotinylated
Phl p 5b	RAL0017	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Unknown
Phl p 7	RAL0002	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Polcalcin
Phl p 12	RAL0004	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Profilin

WB: Western Blot
 DB: Dot Blot
 IE: Indirect ELISA
 DE: positive control in direct ELISA
 CLIA: Chemiluminescent Immunoassay

LF: Lateral Flow
 CE: Capture ELISA
 DAS: Double antigen sandwich
 NP: nanoparticles binding
 PO: plate orientation

Pack size: 0.1 mg*; 1 mg; bulk
 Format: liquid; lyophilised
 *under availability, for liquid format
 🏆 Top product (Satisfaction guarantee)



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