

AFLAPREP[®] M WIDE (Art. No.: P124)

Making analysis easy



High sensitivity

- Same great antibody in improved format column
- High antibody loading ensuring accurate results at low levels
- Improved clean-up resulting in reduced chromatographic interference



Precise

- Exceeds criteria as specified in CEN and AOAC Official Methods
- Performs well in multi-lab trials
- Extensively validated for a variety of matrices



Flexible

- Wide format column making it easier to handle sample
- Large batch sizes reduce need for in-house quality checks
- Compatible with semi-automated systems

More information:



<https://r-bio/aflaprep-m-wide>

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Product comparison									
Product	AFLAPREP [®] M WIDE (Art.No.: P124)					AFLAPREP [®] M (Art. No.: P04)			
Antibody	The same antibody is used in both products								
Capacity	1500 ng					400 ng			
Format of column	Wide (3 ml)					Narrow (1 ml)			
Pack size	10 or 50 (500 column kit can be made on request)					10 or 25			
Batch size	20,000 columns					2,000 columns			
Performance	≥80 % and ≤110 % recovery when a solution of 4 ng of aflatoxin M1 is applied in 25 ml of 10 % w/v powdered milk in water								
Infant milk	Spike level (ppb)	0.0125	0.025	0.05		Spike level (ppb)	0.0125	0.025	0.05
	% Recovery	111	104	100		% Recovery	111	104	97
	% RSD	3.4	8.6	2.1		% RSD	8.5	5.2	2.8
Cows milk (full fat)	Spike level (ppb)		0.025	0.1		Spike level (ppt)		0.025	0.1
	% Recovery		107	102		% Recovery		103	98
	% RSD		2.8	2.6		% RSD		1.2	2.5
Applications	<ul style="list-style-type: none"> Baby food Butter Cheese Flavoured Milks Ice cream Milk Milk powder Yoghurt 					<ul style="list-style-type: none"> Butter Cheese Milk Milk powder Yoghurt 			
Quality Control Release Inspection and Test Specifications	Tested as per AOAC Official Method 2000.08 for Recovery Tests and according to CEN Method No. NEN-EN 14501 for Capacity Specifications								
Official Method criteria	AOAC Official Method 2000.08, NEN-EN 14501 and ISO 14501 <ul style="list-style-type: none"> Shall contain antibodies against aflatoxin M1 with a capacity of not less than 100 ng aflatoxin M1 Recovery of not less than 80 % when a calibrant solution containing 4 ng of toxin is applied 								
Benefits	<ul style="list-style-type: none"> Wide column is easier to handle and prevents column blockage with high fat content samples Highest capacity column on the market ensuring accurate results at both high and low levels Produced in larger batches improving consistency and reducing time and cost of in-house QC batch testing Stock reservation is easier and more convenient due to larger batches being produced Additional application notes available reducing time for in-house optimisation Can be used for the analysis of aflatoxin M2 								