





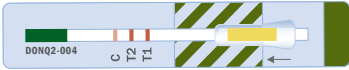
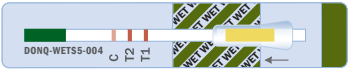


Charm[®] ROSA[®] (Rapid One Step Assay) **Lateral Flow Mycotoxin Tests**


A QUICK REVIEW


 **CHARM**
SCIENCES INC
NOTHING WORKS LIKE A CHARM


Charm ROSA Quantitative Tests


Extraction Solvent		Incubation Time	Approval	Commodities			
FAST Aflatoxin Quantitative Test			Quantitation Ranges: 5 to 30 ppb, 20 to 100 ppb, 50 to 300 ppb				
70% Methanol	3 Min	FGIS [†]	Corn				
70% Methanol	5 Min	FGIS [†]	Barley Brown Rice Corn Germ Meal Corn Gluten Meal Corn/Soy Blend	DDG DDGS Hominy Millet Oats	Popcorn Rough Rice Rye Sorghum Soybean Hulls	Soybean Meal Soybeans Wheat	
		Charm [‡]	Ginger Root	Milled Rice			
84% Acetonitrile	5 Min	Charm [‡]	Copra Meal Corn Gluten Feed Corn Silage	Cottonseed Hulls Cottonseed Meal Palm Kernel Meal	Peanut Hulls Peanut Meal Rice Bran	Whole Cottonseed	
WET[®]-S3 Aflatoxin Quantitative Test			Quantitation Ranges: 5 to 100 ppb, 50 to 300 ppb				
Water Extraction Technology	3 Min	FGIS [†]	Corn				
WET[®]-S5 Aflatoxin Quantitative Test			Quantitation Ranges: 5 to 100 ppb, 50 to 300 ppb				
Water Extraction Technology	5 Min	FGIS [†]	Corn DDGS	Sorghum Soybeans	Wheat		
FAST5 DON Quantitative Test			Quantitation Ranges: 0.5 to 1.5 ppm, 1 to 5.4 ppm, > 5 ppm				
Deionized or Distilled Water	5 Min	Charm [‡]	Barley Brewer's Rice Buckwheat Corn Corn Bran Corn Germ Meal Corn Gluten Feed	Corn Gluten Meal DDGS Hominy Malted Barley Milled Rice Oats Palm Kernel Meal	Rapeseed Meal Rice Bran Rough Rice Rye Sorghum Soybean Meal Triticale	Wheat Wheat Bran Wheat Flour Wheat Midds Wheat Red Dog Wheat Screenings	
DONQ2 Quantitative Test			Quantitation Ranges: 0.5 to 5.4 ppm, 4 to 30 ppm				
Deionized or Distilled Water	2 Min	FGIS [†]	Barley Brown Rice Buckwheat Corn Corn Bran Corn Germ Meal	Corn Gluten Feed Corn Gluten Meal DDGS Hominy Malted Barley Milled Rice	Oats Rice Bran Rough Rice Rye Sorghum Soybean Meal	Triticale Wheat Wheat Bran	
		Charm [‡]	Palm Kernel Meal	Rapeseed Meal			
WET-S5 DON Quantitative Test			Quantitation Ranges: 0.5 to 5.4 ppm, 4 to 30 ppm				
Water Extraction Technology	5 Min	Charm [‡]	Barley	Corn	Wheat		


Extraction Solvent	Incubation Time	Approval	Commodities			
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FAST5 Fumonisin Quantitative Test			Quantitation Ranges: 0.5 to 1.5 ppm, 1 to 5.4 ppm, 5 to 25 ppm				
70% Methanol	5 Min	Charm†	Barley	Corn Gluten Meal	Millet	Sorghum	
			Corn	DDGS	Oats		
			Corn Germ Meal	Flaking Corn Grits	Rough Rice	Wheat	

WET-S5 Fumonisin Quantitative Test			Quantitation Ranges: 0.5 to 5.4 ppm, 4 to 40 ppm, > 40 ppm (corn only)				
Water Extraction Technology	5 Min	FGIS†	Corn	DDGS	Popcorn	Wheat	
			Corn Germ Meal	Oats	Sorghum		
		Charm†	Barley	Corn Gluten Feed	Millet	Rough Rice	

Ochratoxin Quantitative Test (Ochratoxin A)			Quantitation Ranges: 5 to 30 ppb, 20 to 100 ppb				
70% Methanol	10 Min	FGIS†	Barley	Corn Gluten Meal	Rye	Soybeans	
			Buckwheat	Malted Barley	Sorghum		
		Charm†	Corn	Oat Groats	Soybean Meal	Wheat	
			Ginger Root	Rice			

T2/HT2 Quantitative Test			Quantitation Ranges: 25 to 200 ppb, 100 to 2000 ppb				
70% Methanol	10 Min	Charm†	Barley	Corn Gluten Meal	Sorghum	Wheat	
			Corn	Oats	Soybean Meal		
						Wheat Flour	

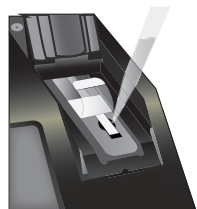
FAST5 Zearalenone Quantitative Test			Quantitation Ranges: 50 to 350 ppb, 300 to 1000 ppb (400 to 2000 ppb for Corn Gluten Meal)				
70% Methanol	5 Min	Charm†	Barley	DDGS	Rice	Soybean Meal	
			Brewer's Rice	Flaking Corn Grits	Rough Rice		
			Corn	Milled Rice	Rye	Wheat	
			Corn Gluten Meal	Oats	Sorghum	Wheat Bran	
						Wheat Flour	

WET-S5 Zearalenone Quantitative Test			Quantitation Range: 50 to 1000 ppb				
Water Extraction Technology	5 Min	FGIS†	Barley	DDGS	Wheat		
			Corn	Sorghum			

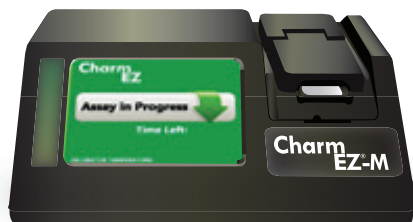
† USDA's Federal Grain Inspection Service.
 ‡ In-house validation. Charm Sciences regularly qualifies new commodities to best fit our customer's needs. Please contact Charm Sciences for the most updated list of approved commodities.



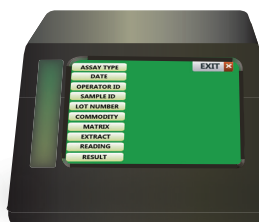
Simple Procedure



Add Sample.



Incubate.



Read results in less than 5 seconds!



For batch processing, incubate multiple strips simultaneously, then read results in the Charm EZ-M system.

Order Codes

TEST NAMES	ORDER CODES
FAST Aflatoxin Quantitative Test	LF-AFQ-FAST-20K
	LF-AFQ-FAST-100K
	LF-AFQ-FAST-500K
WET®-S3 Aflatoxin Quantitative Test	LF-AFQ-WETS3-20K
	LF-AFQ-WETS3-100K
	LF-AFQ-WETS3-500K
WET®-S5 Aflatoxin Quantitative Test	LF-AFQ-WETS5-20K
	LF-AFQ-WETS5-100K
	LF-AFQ-WETS5-500K
FAST5 DON Quantitative Test	LF-DONQ-FAST5-20K
	LF-DONQ-FAST5-100K
	LF-DONQ-FAST5-500K
DONQ2 Quantitative Test	LF-DONQ2-20K
	LF-DONQ2-100K
	LF-DONQ2-500K
WET-S5 DON Quantitative Test	LF-DONQ-WETS5-20K
	LF-DONQ-WETS5-100K
	LF-DONQ-WETS5-500K
FAST5 Fumonisin Quantitative Test	LF-FUMQ-FAST5-20K
	LF-FUMQ-FAST5-100K
	LF-FUMQ-FAST5-500K
WET-S5 Fumonisin Quantitative Test	LF-FUMQ-WETS5-20K
	LF-FUMQ-WETS5-100K
	LF-FUMQ-WETS5-500K
Ochratoxin Quantitative Test (Ochratoxin A)	LF-OCHRAQ-G-20K
	LF-OCHRAQ-G-100K
	LF-OCHRAQ-G-500K
T2/HT2 Quantitative Test	LF-T2-HT2-20K
	LF-T2-HT2-100K
	LF-T2-HT2-500K
FAST5 Zearalenone Quantitative Test	LF-ZEARQ-FAST5-20K
	LF-ZEARQ-FAST5-100K
	LF-ZEARQ-FAST5-500K
WET-S5 Zearalenone Quantitative Test	LF-ZEARQ-WETS5-20K
	LF-ZEARQ-WETS5-100K
	LF-ZEARQ-WETS5-500K