


Protein A, Mix-N-Go™ ELISA Kits

The Gold Standard in Residual Protein A Impurity Analysis

3-Step Traditional Protein A Sample Treatment

1




Low pH Incubation 5 mins.

Reversible dissociation of Antibody IgG Protein A complex

Dissociation-Step 1

2




Boil at 80 °C 10 mins.

IgG denaturing

Boiling-Step 2

3



Centrifuge 10 mins.

Protein A in supernatant

Pellet-denatured Antibody

Centrifugation-Step 3


ELISA for Protein A



Coated with Anti-Protein A Antibody

1-Step Protein A, Mix-N-Go™ Sample Treatment

1



Add denaturing buffer 5 mins.

Antibody IgG Protein A complex

One Step Dissociation

ELISA for Protein A



Coated with Anti-Protein A Antibody

VS

Protein A, Mix-N-Go™ ELISA Kits

The Gold Standard in Residual Protein A Impurity Analysis

Mix-N-Go™ ELISA kits are designed to perform with most natural and recombinant Protein A constructs and incorporate the revolutionary single step sample treatment procedure. These kits also reduce the complexity of the assay and time to result while increasing the robustness of the method over traditional Protein A ELISAs.

- No boiling and no centrifugation—less equipment & calibration
- Faster time to results—up to 2 hours less than other kits
- Better precision—fewer steps, fewer errors

	Cygnus Technologies Protein A, Mix-N-Go™ ELISA Kit	Competitor A	Competitor B
Assay Preparation	All reagents ready to use	Calibrator Preparation Required	Calibrator Preparation Required
Calibrator Preparation Time	None	Make standard dilutions ~10 minutes	Make standard dilutions ~10 minutes
Format	Simultaneous	Sequential	Sequential
Sample Prep:			
Irreversible Dissociation of Protein A and IgG	Yes	No	No
Boiling required	No	Yes	Yes
Centrifugation step required	No	Yes	Yes
Maximum human IgG concentration allowed	No IgG interference up to 20 mg/mL	Requires sample treatment at 1-15 mg/mL	Samples must be diluted to 50 µg/mL
Total Sample Preparation Time	10 minutes	45 minutes	54 minutes
Number of Wash steps	1	4	3
Total Time to Result	1 hour 45 minutes	2 hours 25 minutes	3 hours 54 minutes

Product	Catalog No.
Protein A Mix-N-Go™ ELISA Kit	F600
Protein A Mix-N-Go™ ELISA Kit for UnNatural Protein A Constructs	F610

Note: If you have another unnatural construct of Protein A that does not yield acceptable recovery, contact Cygnus Technical Support for solutions.



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