

Protein A Mix-N-Go™ ELISA Kits

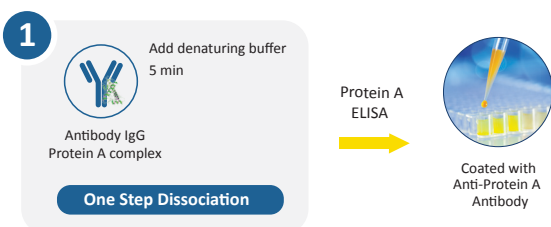
The Gold Standard in Residual Protein A Impurity Analysis

Cygnus Technologies Protein A 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 reduce the complexity of the assay and time to result while increasing the robustness of the method over traditional Protein A ELISAs.

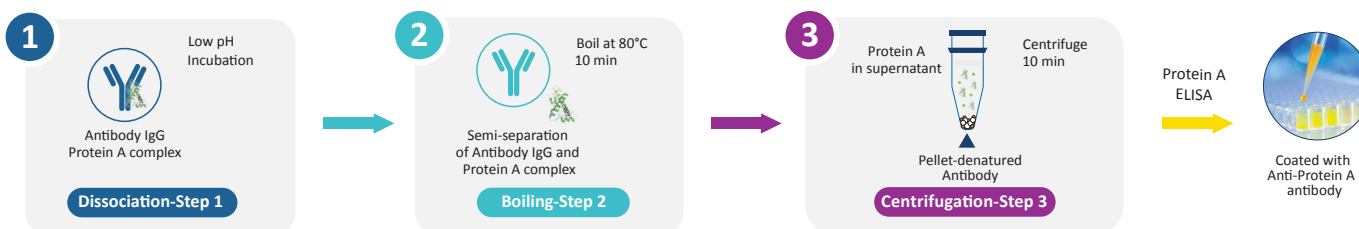
- **No boiling** and **No centrifugation**—less equipment & calibration
- Robust method—ensures **irreversible** Protein A & IgG dissociation
- Faster time to results—up to **2 hours less** than other kits
- Better precision—**fewer** steps, **fewer** errors
- All reagents including the **pre-made standards** are provided in the kits



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



3-Step Traditional Protein A Sample Treatment



Cygnus Protein A Mix-N-Go ELISA Kits have been used for commercial product lot release of many therapeutic mAbs. They have been intensively tested for compatibility with most commercially available Protein A chromatography media.

Protein A Mix-N-Go™ ELISA Kit Selection Guide

Protein A Resin	Manufacturer	Recommended Cygnus Protein A Mix-N-Go™ Kit	Correction Factor*
Amsphere™ Protein A JWT203 Amshpere™ Protein A3	JSR Life Sciences®	F740	Kit is specific for JSR Protein A chromatography media.
Eshmuno® A	MilliporeSigma®/MerckMillipore™	F610	1
J.T.Baker® BAKERBOND® PROchievA™ Protein A	Avantor®	F965	Kit is specific for Avantor Protein A chromatography media.
KanCapA™ 3G Protein A	Kaneka®	F950	Kit is specific for Kaneka Protein A chromatography media.
MabSelect™	Cytiva®	F600	1
MabSelect™ SuRe, MabSelect™ SuRe LX	Cytiva®	F610	1
MabSelect™ Prisma™	Cytiva®	F610	1.6
Praesto™ Jetted A50	Purolite®	F610	1.3
TOYOPEARL® SuperA (R50) TOYOPEARL® AF-rProtein A HC-650F (R40) TOYOPEARL® AF-rProtein A-650F (R28)	Tosoh Bioscience®	F910	Kit is specific for Tosoh Bioscience Protein A chromatography media.

*The “Correction Factor” accounts for the difference in Protein A ligand molecular weight which causes the calibration differences. This “Correction Factor” has to be applied to Protein A concentration value derived from the F610 standard curve to calculate the respective chromatography resin’s residual Protein A ligand concentration.

Protein A Mix-N-Go Kit User Protocol vs Competitors’ User Protocols

	Cygnus Technologies Protein A, Mix-N-Go ELISA Kit	Competitor A	Competitor B
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 prep. time	10 minutes	45 minutes	54 minutes
Assay Prep:			
Reagent Preparation	All reagents ready to use	Prepare Calibrators	Prepare Calibrators
Calibrator prep. time	None	Make standard dilutions ~10 minutes	Make standard dilutions ~10 minutes
Format	Simultaneous	Sequential	Sequential
Number of wash steps	1	4	3
Total time to result	1 hour 45 minutes	2 hours 25 minutes	3 hours 54 minutes

Ordering Information

Product	Catalog No.
Protein A Mix-N-Go ELISA	F600
Protein A Mix-N-Go ELISA, for UnNatural Protein A Constructs	F610
Protein A Mix-N-Go ELISA, for Amsphere™ ligands	F740
Tosoh R40 and R28 Protein A Mix-N-Go™ ELISA	F910
KANEKA KanCapA™ 3G Protein A Mix-N-Go™ ELISA	F950
J.T.Baker® BAKERBOND® PROchievA™ Protein A Mix-N-Go™ ELISA	F965

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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