



Interference Kits for Assay Validation

Molecular Depot's ready-to-use Interference kits contain a wide selection of interference substances that can be spiked into specimens to establish an assay's tolerance to endogenous interference substances. To minimize specimen dilution, stock solutions are provided highly concentrated. Additionally, to minimize matrix effects during spiking experiments, all interference substances are provided with their corresponding diluents. These kits are both practical cost-effective.



Interference Test Kit for Assay Validation

Catalog #K2010001

Substance	Stock Concentration
Free Bilirubin	20 mg/mL
Conjugated Bilirubin	20 mg/mL
Human Hemoglobin	200 mg/mL
Triglycerides mix	1000 mg/mL
Human Serum Proteins	20 g/dL
Ascorbic Acid	176 mg/mL

Interference Test Kit EXTRA for Assay Validation

Catalog # K2010008

Substance	Stock Concentration
Biotin	200 µg/mL
Creatinine	50 mg/mL
EDTA	500 mM (190 mg/mL)
Glucose	250 mg/mL
Glycerol	10 mg/mL
Intralipid	20 % (w/v)
Pyruvate	20 mg/mL
Urea	200 mg/mL
Cholesterol	supplied as powder

Rheumatoid Factor Interference Kit

Catalog # K2010007

Substance	Stock Concentration
Rheumatoid Factor	> 1800 IU/mL
Rheumatoid Factor Diluent	0 IU/mL

HAMA Interference Kit

Catalog # K2010009

Sample	HAMA Concentration(ng/mL)
HAMA-Negative Sample (NS)	0.0
HAMA-Positive Sample 1 (PS1)	10.5
HAMA-Positive Sample 2 (PS2)	25.9
HAMA-Positive Sample 3 (PS3)	45.8
HAMA-Positive Sample 4 (PS4)	75.3
HAMA-Positive Sample 5 (PS5)	101.5





Individual Interference Solutions and Substances for Assay Validation

Substance	Stock Concentration	Catalog Number
Ascorbic Acid	176 mg/mL	K2010001A
Biotin	200 µg/mL	K2010008B
Cholesterol	supplied as powder	K2010008H
Conjugated Bilirubin	20 mg/mL	K2010001C
Creatinine	50 mg/mL	K2010008C
EDTA	500 mM (190 mg/mL)	B2010013
Free Bilirubin	20 mg/mL	K2010001B
Glucose	250 mg/mL	K2010008G1
Glycerol	10 mg/mL	K2010008G2
High HAMA Serum	(> 600 ng/mL)	S2010006
Human Hemoglobin	200 mg/mL	K2010001D
Human Serum Proteins	20 g/dL	K2010001E
Intralipid	20 % (w/v)	K2010008I
Pyruvate	20 mg/mL	K2010008P
Rheumatoid Factor	> 1800 IU/mL	S2010001
Rheumatoid Factor Diluent	0 IU/mL	S2010002
Triglycerides mix	1000 mg/mL	C2010001
Urea	200 mg/mL	K2010008U



About Molecular Depot



<https://moleculardepot.com>

Molecular Depot is an innovative biochemical company located in San Diego, California. We specialize in the development of time-saving and cost-effective research tools as well as hard-to-find biochemicals. Our products include:

- Specialty Bacterial Culture Media
- Antibodies & Antigens
- Enzymes & Proteins
- Chemical Compounds & Molecular Conjugates
- Research Kits
- Reagent Stabilization Solutions

Molecular Depot also provides consulting and contract research services in:

- Protein Expression & Purification
- Antibody & Antigen Screening
- Optimization of Enzymatic Reactions
- Assay Development (including ELISA, EIA, FIA, CLIA, Immuno-turbidimetric)
- Bioconjugation
- Reagent Stabilization
- Experimental Design, Data Collection and Data Analysis

We will be happy to share our expertise with you and save you time, money and effort.

For more information, please visit our website at moleculardepot.com or scan the code below.

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