

MATERIAL SAFETY DATA SHEET

Product: **Human Resistin ELISA Kit** Catalog #: **EZHR-95K**

Composition/Information of Ingredients

<u>Component</u>	<u>Catalog #</u>	<u>Ingredients</u>	<u>See Below</u>
10X Concentrate Wash Buffer	EWB-HRP	Tris Buffered Saline	1
		NaCl	1
		Tween 20	3
		ProClin-300	2
Assay Buffer	EABIR	Na ₂ HPO ₄ •7H ₂ O	1
		KH ₂ PO ₄	1
		EDTA•4Na•2H ₂ O	1
		NaCl	1
		Bovine Serum Albumin (BSA)	1
		Sodium Azide (NaN ₃)	2
		Immunoglobulin Inhibitory Reagent (IIR)	1
Human Resistin Standards	E8095-K	Human Resistin Standard Stock	1
		Na ₂ HPO ₄ •7H ₂ O	1
		KH ₂ PO ₄	1
		EDTA•4Na•2H ₂ O	1
		NaCl	1
		Bovine Serum Albumin (BSA)	1
		Sodium Azide (NaN ₃)	2
Quality Controls 1 & 2	E6095-K	Human Resistin Standard Stock	1
		Na ₂ HPO ₄ •7H ₂ O	1
		KH ₂ PO ₄	1
		EDTA•4Na•2H ₂ O	1
		NaCl	1
		Bovine Serum Albumin (BSA)	1
		Sodium Azide	2
Detection Antibody	E1095	Biotinylated mouse anti Human Resistin Antibody	1
		Na ₂ HPO ₄ •7H ₂ O	1
		KH ₂ PO ₄	1
		EDTA•4Na•2H ₂ O	1
		NaCl	1
		Bovine Serum Albumin (BSA)	1
		Sodium Azide (NaN ₃)	2
Enzyme Solution	EHRP	Streptavidin – Horseradish Peroxidase Conjugate (SA-HRP)	4
		Stabilzyme Select Stabilizer	1
Substrate	ESS-TMB3	Ultrasensitive TMB (3,3',5' Tetramethylbenzidine)	1
Stop Solution	ET-TMB	0.3M HCL	5
Microtiter Plate	EP95	Coated with antibody	1

Hazardous Ingredients:

1. Linco Research is not aware of any hazards for this product.
2. ProClin-300 and Sodium Azide, 0.08%: CAS # 26628-22-8. See fire hazard and explosion information below.
3. Tween 20: CAS# 9005-64-5. The toxicological properties of this product have not been thoroughly investigated. Avoid inhalation of this product. Avoid contact with eyes and skin.
4. Streptavidin – Horseradish Peroxidase Conjugate (SA-HRP): CAS #54-64-8. Wear gloves while using this component. Follow emergency first aid procedures.
5. This product is generally considered safe; however, all laboratory safety procedures must be followed and gloves and safety glasses must be worn when preparing this material.

Fire Hazard and Explosion Information:

The above listed component contains sodium azide. Sodium azide may react with lead and copper plumbing to form highly explosive metal azides. If discarded into the sink, flush with a large volume of water to prevent azide build-up.

Health Hazard Data:

Appropriate handling of toxic chemicals in laboratories is essential. Periodic review of the safeguards must be ensured. Appropriate emergency procedures and equipment should be in place and their use should be reviewed. Laboratory technicians should be aware of the potential toxicity and rapidity of action, and signs and symptoms of poisoning with this compound.

Emergency and First Aid Procedures:

Ingestion: Obtain immediate medical attention.
Eyes: Immediately flush eyes with water.
Skin: Wash skin with soap and plenty of water.

Spill Procedures:

Spills should be cleaned up by using absorbents and thrown away in the proper receptacles.

Storage and Disposal:

Storage: Store all components at 2-8°C

Disposal: Observe all federal, state and local environmental regulations.

Protective Equipment:

Ventilation: Provide local exhaust or process enclosure ventilation to meet the published exposure limits.

Clothing and Gloves: Wear appropriate protective clothing and equipment to prevent repeated or prolonged contact with this substance. Protective clothing should meet the requirements for personal protective equipment. This clothing should include a lab coat and protective gloves.

Eye protection should always be worn when working with chemicals.

Disclaimer:

The information provided in this MSDS is believed, but not warranted, to be accurate. The user of the product should determine the suitability of this information for the intended use of the product. It is intended for use by persons having technical skills and at their own discretion and risk. Since conditions of use are outside Linco Research's control, we make no warranties, expressed or implied, and assume no liability in connection with any use of this information.