

ELISA KIT SAFETY INFORMATION SHEET

Enzyme-Linked Immunosorbent Assay (ELISA) Kits | Group document for the supported ELISA families | Version U1.4

About this sheet. This sheet provides general safety information for ADMEbio ELISA kits. It is not a substitute for the product-specific safety data sheet, which accompanies each shipment, and it is not a shipping or transport declaration. Two matters have not been determined:

- the hazard classification of the kits as supplied, including the skin-sensitisation and stop-solution questions set out in Section 2; and
- United States regulatory status, which has not been determined.

SECTION 01 | IDENTIFICATION

Product identifier	Enzyme-Linked Immunosorbent Assay (ELISA) Kit
Scope	This is a general safety information sheet, not a product-specific safety data sheet. It provides general safety information for ADMEbio ELISA kits that use a horseradish peroxidase conjugate, a TMB chromogenic substrate and an acid stop solution, across the supported EKFT and EKEL catalog families. Kits using a different detection chemistry are not covered. Individual kits may contain different reagent components and formulations, and not all substances listed in Section 3 are present in every kit. Where a product-specific User Guide is supplied with the kit, refer to it for kit components, handling and storage. For product-specific safety information, contact tech@admebio.com .
Recommended use	Laboratory research use only.
Restrictions on use	Not for use in diagnostic or therapeutic procedures, and not for human or veterinary use.
Company	ADMEbio Inc.
Address	9051 Mira Mesa Blvd, #910094, San Diego, CA 92191, United States
Telephone (including chemical emergencies)	760-390-3989
Technical Email	tech@admebio.com
Website	www.admebio.com
Document	ADMEbio ELISA Kit Safety Information Sheet · Version U1.4
Document date	October 23, 2026
Replaces	None. This sheet does not replace the safety data sheet supplied with each product, or any existing ADMEbio safety data sheet.

SECTION 02 | HAZARD IDENTIFICATION

Classification. The kits covered by this document have not been classified as supplied. The hazard and precautionary statements below describe individual materials at the concentrations recorded for them, and are not ADMEbio classifications. No determination has been made that any kit is non-hazardous, and none should be inferred.

Preserved reagents — skin sensitisation. Some liquid reagents are preserved with ProClin 300, an isothiazolinone preservative that is a skin sensitiser, at 0.01% to 0.05% depending on the kit. Treat preserved reagents as potential skin sensitisers: avoid skin contact and wear gloves.

Stop solution — corrosivity. Every kit in scope is finished with a dilute sulfuric acid stop solution: 2% w/w in some kits and 1 M (approximately 9.2% w/w, calculated) in others. Treat any stop solution as potentially corrosive: avoid skin and eye contact and wear eye protection.

Signal word, pictograms and label elements: none assigned.

2.1 Hazard statements recorded for individual materials

Material	Hazard statements
ProClin 300	H317 — May cause an allergic skin reaction.
Sulfuric acid (H ₂ SO ₄)	H315 — Causes skin irritation. H319 — Causes serious eye irritation.
Hydrogen peroxide (H ₂ O ₂)	H271 — May cause fire or explosion; strong oxidizer. H302 — Harmful if swallowed. H314 — Causes severe skin burns and eye damage. H332 — Harmful if inhaled.

2.2 Precautionary statements recorded for individual materials

Material	Precautionary statements
ProClin 300	P261 — Avoid breathing dust/fumes/gas/mist/vapours/spray. P280 — Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 — IF ON SKIN: Wash with plenty of soap and water. P333+P313 — If skin irritation or rash occurs: Get medical advice/attention.
Sulfuric acid (H ₂ SO ₄)	P264 — Wash hands thoroughly after handling. P280 — Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 — IF ON SKIN: Wash with plenty of soap and water. P332+P313 — If skin irritation occurs: Get medical advice/attention. P305+P351+P338 — IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.2 Precautionary statements (continued)

Material	Precautionary statements
Hydrogen peroxide (H ₂ O ₂)	P280 — Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P283 — Wear fire resistant or flame retardant clothing. P264 — Wash thoroughly after handling. P271 — Use only outdoors or in a well-ventilated area. P301+P317 — IF SWALLOWED: Get medical help. P330 — Rinse mouth. P301+P330+P331 — IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P304+P340 — IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 — IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

SECTION 03 | COMPOSITION / INFORMATION ON INGREDIENTS

This section lists the materials that may be present across the kits in scope. No kit contains every material listed. Kit-specific components and quantities are given in the product User Guide where one is supplied.

3.1 Reagent containers common to the kits in scope

Container	Description	Typical physical form
Coated microplate	Analyte-specific capture antibody or antigen, immobilised.	Coated solid support in a sealed pouch
Standard	Lyophilised or liquid analyte standard.	White to faint-yellow powder or solid, or a clear liquid
Detection antibody	Biotinylated or enzyme-labelled, analyte-specific.	Clear, colourless liquid
HRP conjugate	Horseradish peroxidase conjugate.	Clear, colourless liquid
Dilution / assay buffer	Aqueous buffered diluent.	Clear, colourless liquid
Wash buffer	Aqueous buffered surfactant solution, usually concentrated.	Clear, colourless liquid
Substrate solution	TMB with hydrogen peroxide in an acidic buffer.	Clear, colourless liquid
Stop solution	Dilute sulfuric acid.	Clear, colourless liquid, may be slightly pungent

The analyte-specific antibody or antigen differs for every catalog number. Container count, fill volumes and the number of tests supplied are given in the product User Guide where one is supplied. For a specific kit, contact tech@admebio.com.

3.2 Materials that may be present across the kits in scope

A material is listed here if it is present in at least one kit covered by this document. No kit contains every material listed. A concentration range is shown where confirmed figures differ between kits; a single figure where only one is confirmed.

Material	CAS No.	EINECS	Reagent type	Concentration	Present in
Water	7732-18-5	231-791-2	Diluent, all liquid reagents	78.39 – 96.34%	All kits in scope
Sodium chloride	7647-14-5	231-598-3	Buffer salt	0.8 – 14.16%	All kits in scope
Potassium chloride	7447-40-7	231-211-8	Buffer salt	0.02 – 0.81%	All kits in scope
Potassium dihydrogen orthophosphate	7778-77-0	231-913-4	Buffer salt	0.02 – 0.05%	All kits in scope
Disodium hydrogen orthophosphate	7558-79-4	231-448-7	Buffer salt	0.12%	Some kits only
Disodium hydrogen phosphate dodecahydrate	10039-32-4	600-088-6	Buffer salt	0.63%	Some kits only
Polysorbate 20	9005-64-5	500-018-3	Surfactant, wash and dilution buffers	0.05%	Some kits only
Bovine serum albumin	9048-46-8	—	Protein stabiliser / blocking agent	1%	Some kits only
Citric acid	77-92-9	201-069-1	Substrate buffer	0.2%	Some kits only
Trisodium citrate	68-04-2	200-675-3	Buffer salt	0.42%	Some kits only

3.2 Materials that may be present (continued)

Material	CAS No.	EINECS	Reagent type	Concentration	Present in
Sucrose	57-50-1	200-334-9	Stabiliser	2.28%	Some kits only
Poly(ethylene glycol) 4000	25322-68-3	500-038-2	Stabiliser	1.33%	Some kits only
Potassium sodium tartrate	6381-59-5	613-385-0	Stabiliser	1.07%	Some kits only
Glycerol	56-81-5	200-289-5	Stabiliser / cryoprotectant	0.51%	Some kits only
Polyvinylpyrrolidone (PVP40)	9003-39-8	618-363-4	Stabiliser	0.35%	Some kits only
ProClin 300 (chloromethylisothiazolinone / methylisothiazolinone)	96118-96-6	—	Preservative, in liquid reagents	0.01 – 0.05%	All kits in scope
Sulfuric acid	7664-93-9	231-639-5	Stop solution	2% or 1 M ‡	All kits in scope
Hydrogen peroxide	7722-84-1	231-765-0	Substrate solution	0.01 – 0.1%	All kits in scope
3,3',5,5'-Tetramethylbenzidine (TMB)	54827-17-7	259-364-6	Chromogenic substrate	0.01% †	All kits in scope

† This concentration is confirmed for part of the range covered by this document. For the other kits containing this material the concentration is proprietary and has not been disclosed, so the figure shown does not apply to every kit containing the material.

‡ Some kits use 2% w/w sulfuric acid; others use 1 M (1 mol/L) sulfuric acid, approximately 9.2% w/w (calculated from its density, not a measured value).

SECTION 04 | FIRST-AID MEASURES

Exposure route	Measure
General advice	Consult a physician. Show this information sheet, or the product safety data sheet, to the doctor in attendance.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Skin contact	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Symptoms and effects: see Section 11. No specific antidote is recorded in the source material.

SECTION 05 | FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Suitable: water spray, alcohol-resistant foam, dry chemical, carbon dioxide or appropriate foam.

For small fires, use media such as “alcohol” foam, dry chemical or carbon dioxide.

For large fires, apply water from as far as possible. Use large quantities of water applied as a mist or spray. Solid streams of water may be ineffective. Cool affected containers with flooding quantities of water.

5.2 Special precautions for fire-fighters

Protective equipment: wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

5.3 Special hazards arising from the substance or mixture

Carbon oxides, nitrogen oxides (NO_x), sulphur oxides, hydrogen chloride gas.

SECTION 06 | ACCIDENTAL RELEASE MEASURES

6.1 Person-related safety precautions

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

6.2 Measures for environmental protection

Prevent further leakage or spillage if safe to do so. Do not let enter drains. Discharge into the environment must be avoided.

6.3 Measures for containment and cleaning

Contain spillage, and then collect with non-combustible absorbent material (e.g. sand, diatomaceous earth, vermiculite). Place in a container for disposal according to local regulations. Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in a container for disposal according to local regulations (see Section 13). Keep in suitable, closed containers for disposal.

SECTION 07 | HANDLING AND STORAGE

7.1 Handling

- Wear appropriate protective clothing and safety gloves.
- Avoid inhalation.
- Avoid contact with eyes, skin and clothing.
- Mechanical exhaust required.
- Keep away from ignition sources, heat and flame.
- No smoking at the working site.
- Incompatibilities: strong oxidizing agents, strong acids. Handling and unloading should be light, to prevent packaging breakage, damp and consequent losses.
- The working place should be equipped with appropriate varieties and quantities of firefighting equipment and leakage emergency treatment equipment.

7.2 Storage

- Store in a cool place. Keep container tightly closed in a dry and well-ventilated place.
- Keep away from heat, sparks and flame.
- Keep away from sources of ignition.
- Incompatible: strong oxidizing agents, strong acids.
- The storage place should be equipped with appropriate varieties and quantities of firefighting equipment and leakage emergency treatment equipment.

SECTION 08 | EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Occupational exposure limits

Substance	CAS No.	OSHA PEL (8-h TWA)	NIOSH REL	Cal/OSHA PEL
Sulfuric acid (H ₂ SO ₄)	7664-93-9	1 mg/m ³	1 mg/m ³	0.1 mg/m ³
Hydrogen peroxide (H ₂ O ₂)	7722-84-1	1 ppm (1.4 mg/m ³)	1 ppm	1 ppm

No occupational exposure limit has been established for the other listed components: ProClin 300 and its active preservatives, TMB, bovine serum albumin, polysorbate 20, citric acid, the phosphate salts, sodium chloride and potassium chloride. A German MAK value of 200 mg/m³ (inhalable fraction) is published for glycerol, which appears as a stabiliser in some kits; there is no OSHA PEL for it. These limits apply to airborne exposure to the substances themselves. They are not limits for any kit.

8.2 Engineering controls

Mechanical exhaust required. Safety shower and eye bath.

8.3 Personal protective equipment

Protection	Measure
Respiratory	Government approved respirator if needed.
Eye / face	Chemical safety goggles if needed.
Clothing	Wear appropriate protective clothing.
Hand / skin	Protective gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching the glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Body protection	Wear suitable protective clothing according to the concentration and amount of the substance at the workplace.

8.4 Other protection

No smoking, drinking or eating at the working site. Wash thoroughly after handling.

SECTION 09 | PHYSICAL AND CHEMICAL PROPERTIES

9.1 The kit as supplied

Appearance and odour of each container are given in Section 3.1. The kit is supplied as separate containers of dilute aqueous reagents together with a solid or powdered standard, so it has no single set of physical properties. Measured values for the individual reagents as supplied — pH, density, flash point and the remaining listed properties — are not available, and vary by reagent.

9.2 Properties of the individual substances (source, neat substances)

THESE VALUES DESCRIBE CONCENTRATED OR PURE SUBSTANCES, NOT THE SUPPLIED KIT REAGENTS.

9.2.1 ProClin 300

Property	Value
Appearance	Liquid
pH	4.1 at 100 g/L
Melting / freezing point	−40 °C
Initial boiling point and range	189 °C
Flash point	118 °C – closed cup
Relative density	1.03 g/cm ³
Water solubility	Soluble

No data is available for: odour, odour threshold, evaporation rate, flammability (solid, gas), upper/lower flammability or explosive limits, vapour pressure, vapour density, auto-ignition temperature, decomposition temperature, viscosity, explosive properties, oxidizing properties.

9.2.2 Sulfuric acid (H₂SO₄)

Property	Value
Appearance	Colourless liquid
Odour	Pungent
pH	~1
Solubility / miscibility with water	Soluble

No data is available for: odour threshold, melting / freezing point, boiling point / range, flash point, evaporation rate, flammability (solid, gas), upper/lower flammability or explosive limits, vapour density, vapour pressure, relative density, partition coefficient: n-octanol/water, auto-ignition, decomposition temperature, viscosity.

9.2.3 Hydrogen peroxide (H₂O₂)

Property	Value
Appearance	Colourless liquid
Odour	Odourless, or having an odour resembling that of ozone
pH	Weak acid; H ₂ O ₂ concentration wt% = 35, 50, 70, 90; corresponding true pH 4.6, 4.3, 4.4, 5.1
Melting / freezing point	−0.43 °C
Initial boiling point and range	126 °C
Flash point	Non-flammable
Flammability (solid, gas)	Noncombustible liquid, but a powerful oxidizer.
Vapour pressure	23.3 mm Hg (30 °C)
Vapour density	1 (vs air)
Relative density	1.11 g/mL at 20 °C
Water solubility	Greater than or equal to 100 mg/mL at 72 °F (NTP, 1992)
Partition coefficient: n-octanol/water	−1.36
Auto-ignition temperature	Not flammable. (USCG, 1999)
Viscosity	1.245 centipoises (liquid)

No data is available for: odour threshold, evaporation rate, upper/lower flammability or explosive limits, decomposition temperature, explosive properties.

SECTION 10 | STABILITY AND REACTIVITY

Item	Information
10.1 Reactivity	No data available.
10.2 Chemical stability	Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions	No data available.
10.4 Conditions to avoid	Heat, flames and sparks.
10.5 Incompatible materials	Strong oxidizing agents, light sensitive, alcohols, organic materials, heavy metals, powdered metals, strong reducing agents, amines, mercaptans.
10.6 Hazardous decomposition products	Other decomposition products: no data available. Hazardous decomposition products formed under fire conditions: carbon oxides, nitrogen oxides (NO _x), sulphur oxides, hydrogen chloride gas.

SECTION 11 | TOXICOLOGICAL INFORMATION

THE DATA BELOW REFER TO THE NEAT SUBSTANCES. They have not been evaluated for the diluted kit reagents and must not be attributed to them.

11.1 ProClin 300

Endpoint	Information
Acute toxicity	LD50 oral – rat – 862 mg/kg; LD50 dermal – rabbit – 2,800 mg/kg
Skin corrosion / irritation	Skin – rabbit. Result: corrosive.
Serious eye damage / eye irritation	Eyes – rabbit. Result: corrosive to eyes.
Respiratory or skin sensitisation	Guinea pig. Result: may cause sensitisation by skin contact.
Carcinogenicity	IARC: no component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.

11.2 Sulfuric acid (H₂SO₄)

Endpoint	Information
Acute toxicity	LD50 oral – rat – 1530 mg/kg; LD50 dermal – rabbit – 2730 mg/kg; LC50 inhalation – rat – 850 mg/m ³ , 1 h
Skin corrosion / irritation	Can cause severe burns.
Serious eye damage / irritation	Can cause severe burns.
Respiratory or skin sensitisation	No data available.
Germ cell mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive toxicity	No data available.
Aspiration hazard	Can cause severe burns.
Ingestion	May be harmful if swallowed. Causes burns.
Skin contact	May be harmful if absorbed through skin. Causes burns.
Eye contact	Causes eye burns.

11.3 Hydrogen peroxide (H₂O₂)

Endpoint	Information
Acute toxicity	Oral, inhalation and dermal: no data available.
Skin corrosion / irritation	No data available.
Serious eye damage / irritation	No data available.
Respiratory or skin sensitisation	No data available.
Germ cell mutagenicity	No data available.
Carcinogenicity	There is inadequate evidence in humans for the carcinogenicity of hydrogen peroxide. There is limited evidence in experimental animals for the carcinogenicity of hydrogen peroxide. Overall evaluation: hydrogen peroxide is not classifiable as to its carcinogenicity to humans (Group 3).
Reproductive toxicity	No data available.
STOT – single exposure	The substance is corrosive to the eyes, skin and respiratory tract. Corrosive on ingestion. The vapour is severely irritating to the respiratory tract. Ingestion may cause strong foam formation with risk of asphyxiation and aspiration. Exposure to this substance may produce oxygen bubbles (embolism) in the blood, resulting in shock.
STOT – repeated exposure	Repeated or chronic inhalation of the vapour may cause chronic inflammation of the upper respiratory tract. Lungs may be affected by repeated or prolonged exposure. The substance may have effects on the hair. This may result in bleaching.
Aspiration hazard	A harmful contamination of the air can be reached rather quickly on evaporation of this substance at 20 °C.

SECTION 12 | ECOLOGICAL INFORMATION

THE SOURCE DATA REFER TO THE NEAT SUBSTANCES.

No ecological data is available for any of the three substances. For ProClin 300 and sulfuric acid the source records no data for ecotoxicity, persistence and degradability, bioaccumulative potential, mobility in soil, the results of PBT and vPvB assessment, or other adverse effects. For hydrogen peroxide it records no data for toxicity to fish, to daphnia and other aquatic invertebrates, to algae or to microorganisms, nor for persistence and degradability, bioaccumulative potential, mobility in soil or other adverse effects; no PBT or vPvB assessment is recorded for it at all.

No ecological assessment has been carried out for the kit as supplied. Do not discharge reagents to drains; see Section 13.

SECTION 13 | DISPOSAL CONSIDERATIONS

13.1 Disposal methods

Dispose of waste in accordance with applicable national, regional and local regulations. Burn in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

13.2 Contaminated packaging

Dispose of in the same manner as unused product.

SECTION 14 | TRANSPORT INFORMATION

THE ENTRIES BELOW ARE HISTORICAL SOURCE ASSERTIONS. THEY HAVE NOT BEEN VERIFIED FOR THE COMPLETE KIT AND MUST NOT BE USED TO MAKE A SHIPPING DECLARATION.

Mode	Source entry	ADMEbio position
ADR / RID (road and rail)	Non-hazardous for transport	Not verified for the complete kit
IATA (air)	Non-hazardous for air transport	Not verified for the complete kit
IMDG / IMO (sea)	Non-hazardous for sea transport	Not verified for the complete kit

A corrosive (Class 8) classification turns on damage to skin or on the corrosion rate for steel and aluminium, not on a general statement. Making that determination needs the corrosivity data for the stop solution and the volume supplied per kit. UN number, proper shipping name, transport hazard class and packing group are therefore not assigned. For the second supported family it has been confirmed in writing that the non-hazardous conclusion in its source record covers buffer components only, not the substrate or the 1 M sulfuric acid stop solution. This document is not a shipping or transport declaration.

SECTION 15 | REGULATORY INFORMATION

15.1 United States federal

Component	CAS No.	Status
Sulfuric acid	7664-93-9	CERCLA hazardous substance, reportable quantity 1,000 lb. EPCRA Section 302 extremely hazardous substance, threshold planning quantity 1,000 lb. EPCRA Section 313 (TRI) covers acid aerosols only; aqueous solutions are not covered.
Sodium phosphate, dibasic	7558-79-4	CERCLA hazardous substance, reportable quantity 5,000 lb.
Hydrogen peroxide	7722-84-1	Listed as an extremely hazardous substance only above 52% concentration. The substrate in these kits is 0.01% to 0.1%, so that listing does not apply to it.
All other listed components	—	Not listed on the EPA consolidated lists reviewed.

Reportable and threshold planning quantities are facility-scale figures for release reporting and emergency planning. They are far above the quantity of any component in a shipped kit.

15.2 California Proposition 65

No component of this kit appears on the California Proposition 65 list. The list does include “strong inorganic acid mists containing sulfuric acid” (listed for cancer on 14 March 2003). That entry covers the acid mist, not sulfuric acid in solution, and sulfuric acid itself is not listed. Whether a Proposition 65 warning is required depends on exposure and is a legal determination ADMEbio has not yet made.

15.3 TSCA

This kit is supplied for laboratory research use. Substances manufactured only in small quantities solely for research and development are subject to the exemption at 40 CFR 720.36, which carries conditions on notification and supervision. The TSCA Inventory status of each individual component has not been verified, and no claim of Inventory listing is made here.

15.4 OSHA Hazard Communication Standard

Classification of the kit under 29 CFR 1910.1200 follows from Section 2 and has not yet been made.

15.5 European Union

The source material states that it complies with REACH Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008 (CLP). That is a source assertion, carried here unverified, and it establishes no United States status.

SECTION 16 | OTHER INFORMATION

16.1 Document control

Item	Value
Version	U1.4
Date prepared	October 23, 2026
Date of issue	October 23, 2026
Chemical-safety review	Completed — Jeff, ADMEbio
Replaces	None. This sheet does not replace the safety data sheet supplied with each product, or any existing ADMEbio safety data sheet.
Next review	On issue, and whenever the component list in Section 3 changes
Regulatory data reviewed against	Proposition 65 list of 31 July 2026; EPA consolidated lists of April 2025

16.2 Revision history

Version	Date	Change
0.3	2026-10-14	First prefix-scoped draft. Company block unresolved.
0.4	2026-10-14	Confirmed company block applied. Accepted as draft.
0.9	2026-10-14	Branded layout candidate (gold/black).
1.0	2026-10-14	General EKFT-family candidate. Product scope corrected; source precautionary statements, EINECS numbers, container physical form, full chemical identities and the 20 °C aspiration condition restored; rendering and typographic defects corrected.
1.1	2026-10-14	Regulatory research added: occupational exposure limits, California Proposition 65, CERCLA and EPCRA status. Layout and wording simplified.
U1.0	2026-10-14	Unified candidate. Scope widened from one product family to both supported ELISA families under 29 CFR 1910.1200(g)(4); Section 3 rebuilt as a merged material list with concentration ranges and “may be present” labelling; catalog-specific component lists referred to the product User Guide.
U1.1	2026-10-14	Simplified for review: scope statement condensed, hazard wording shortened to the actions a user must take, research commentary removed from the customer-facing text and kept in the internal checklist.
U1.2	2026-10-14	Section 1 updated with the confirmed company details: legal entity ADMEbio Inc., and the company telephone designated as the contact for chemical-emergency enquiries. Document date stated as October 14, 2026.
U1.3	2026-10-14	Final layout candidate: page balance adjusted. No change to scientific content, hazard statements, composition or scope.
U1.4	2026-10-23	Technical information for the second supported family incorporated: stop solution 1 M sulfuric acid, substrate 0.01% hydrogen peroxide, preservative 0.01% ProClin 300. Section 3 ranges and Section 2 precautions updated; the transport note records that the source non-hazardous conclusion for that family covers its buffer components only. Intended use stated: general safety information, not a shipping or transport declaration. Retitled ELISA Kit Safety Information Sheet. Reviewed and approved for release (chemical-safety review: Jeff, ADMEbio); review markings removed. Design, scope and all other content unchanged.

16.3 Abbreviations

Term	Meaning
CAS	Chemical Abstracts Service registry number
CLP	Regulation (EC) No. 1272/2008 on classification, labelling and packaging
EINECS	European Inventory of Existing Commercial Chemical Substances
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
HRP	Horseradish peroxidase
IARC	International Agency for Research on Cancer
LC50 / LD50	Median lethal concentration / median lethal dose
PBT / vPvB	Persistent, bioaccumulative and toxic / very persistent and very bioaccumulative
REACH	Regulation (EC) No. 1907/2006 on registration, evaluation, authorisation and restriction of chemicals
STOT	Specific target organ toxicity
TMB	3,3',5,5'-Tetramethylbenzidine

16.4 Disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. We make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes. In no way shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising from using the above information.

This sheet provides general safety information. It is not a substitute for the product-specific safety data sheet and is not a shipping or transport declaration.