



# Safety Data Sheet

KIT - Protein Detector ELISA ABTS System

SDS-10152

Rev. Number: 4

Rev. Date: May 19, 2020

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Description:	Product Code
KPL Protein Detector™ ELISA Kit, Anti-Mouse	5110-0011 (54-62-18)
KPL Protein Detector™ ELISA Kit, Anti- Rabbit	5110-0010 (54-62-15)
KPL Protein Detector™ ELISA Kit, Anti-Human	5110-0009 (54-62-10)

### Kit Components

### Part Code

KPL 50% Glycerol Solution	5290-0004 (50-83-00)
KPL ABTS® Peroxidase Stop Solution	5150-0016 (50-85-00)
KPL Coating Solution	5150-0014 (50-84-01)
KPL Peroxidase Substrate Solution B	5120-0037 (50-65-00)
KPL ABTS Microwell Peroxidase 2-Component Substrate Solution A	5120-0037 (50-64-00)
KPL 20X Wash Solution Concentrate (Imidazole Buffered Saline with Tween 20)	5150-0009 (50-63-01)
KPL 10% BSA Diluent/Blocking Solution	5140-0007 (50-61-01)
KPL HRP, Anti-Human IgG (H+L) Antibody	5220-0277 (04-10-06)
KPL HRP, Anti-Mouse IgG (H+L) Antibody, Human Serum Adsorbed	5220-0286 (04-18-06)
KPL HRP, Anti-Rabbit IgG (H+L) Antibody	5220-0283 (04-15-06)

**Recommended Use:** Reagent

**Contact Manufacturer:** SeraCare Life Sciences  
910 Clopper Road  
Gaithersburg, MD 20878

**Phone #:** (508) 244-6400  
US Toll Free: (800) 676-1881

**Fax #:** (508) 634-3394

**Web:** [www.seracare.com](http://www.seracare.com)

**Email:** [customerservice@seracare.com](mailto:customerservice@seracare.com)

### Emergency Telephone Numbers:

AUSTRALIA – POISONS INFORMATION CENTER	Telephone:	13 11 26 - Hours: 24 hours
CANADIAN TRANSPORT EMERGENCY CENTER	Telephone:	( 1 ) 613 996 6666 - Hours: 24 hours/day, 7 days/week
UK – THE NATIONAL FOCUS	Telephone:	(44) 029 2041 6388 - Hours: 09:00-17:00 GMT
USA - NATIONAL RESPONSE CENTER	Telephone:	( 1 ) 800 424 8802 - Hours: 24 hours/day, 7 days/week

**CHEMTREC:** CHEMTREC Customer Number: - CCN12505\*  
For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident  
Call CHEMTREC Day or Night  
Within USA and Canada: 1-800-424-9300 CCN12505 or +1 703-527-3887 (collect calls accepted)



# Safety Data Sheet

ABTS Peroxidase Stop Solution

SDS-10184

Rev. Number: 4 Rev. Date: Feb 26, 2021

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Description:	Product Code
ABTS® Peroxidase Stop Solution	5150-0018 (50-85-02) 5150-0016 (50-85-00)

**Hazardous Reagent**

ABTS® Peroxidase Stop Solution, 5% SDS

**Hazardous Reagent Product code**

Catalog No. listed above

**Recommended Use:** Reference Reagent

**Contact Manufacturer:** SeraCare Life Sciences  
910 Clopper Road  
Gaithersburg, MD 20878

**Phone #:** (508) 244-6400  
US Toll Free: (800) 676-1881

**Fax #:** (508) 634-3394

**Web:** [www.seracare.com](http://www.seracare.com)

**Email:** [customerservice@seracare.com](mailto:customerservice@seracare.com)

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Within USA and Canada: 1-800-424-9300 CCN12505 or  
+1 703-527-3887 (collect calls accepted)

## 2. HAZARD IDENTIFICATION

**Hazard Type**

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS): The product contains no substances which at their given concentration, are considered to be hazardous to health or the environment.

SDS-10184

Rev. Number: 4 Rev. Date: Feb 26, 2021

**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

<b>GHS Classification</b>	Not available
<b>Hazard Statements:</b>	N/A
<b>Precautionary Statements:</b>	N/A
<b>Symbols and Indications of Danger:</b>	N/A
<b>Principle Route of Exposure:</b>	The substance can be absorbed into the body through the skin and by ingestion
<b>Acute Effects: Eye</b>	Redness
<b>Acute Effects: Skin:</b>	Skin Irritant
<b>Acute Effects: Inhalation:</b>	Data for 100% Sodium Dodecyl Sulfate: Sore throat, Cough.
<b>Acute Effects: Ingestion:</b>	Data for 100% Sodium Dodecyl Sulfate: Nausea, vomiting and diarrhoea.
<b>Short-Term Exposure</b>	N/A
<b>Long-Term Exposure</b>	N/A
<b>Chronic Effects:</b>	Data for 100% Sodium Dodecyl Sulfate: EFFECTS OF LONG-TERM OR REPEATED EXPOSURE:  Repeated or prolonged contact with skin may cause dermatitis.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b><u>Component</u></b>	<b><u>CHEMICAL</u></b>	<b><u>% Weight</u></b>	<b><u>CAS #:</u></b>
ABTS® Peroxidase Stop Solution	Dodecyl Sulfate, Sodium Salt	5%	151-21-3
<b>GHS Classification</b>	Not Available		

**4. FIRST AID MEASURES**

<b>General Advice:</b>	Wash contaminated clothing before reuse. Consult a physician if irritation persists
<b>Oral Exposure:</b>	Rinse mouth. Refer for medical attention.
<b>Inhalation Exposure:</b>	Remove subject to fresh air. Seek medical attention if necessary.
<b>Skin Exposure:</b>	Flush skin with copious amounts of water.
<b>Eye Exposure:</b>	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.

**5. FIRE FIGHTING MEASURES**

<b>Extinguishing media:</b>	Foam, Alcohol Foam, CO2, Dry Chemical and Water/Fog
<b>Unusual Fire and Explosive Hazards:</b>	Not Available
<b>Flash Point:</b>	Not Available
<b>Auto ignition Temperature:</b>	Not Available

SDS-10184

Rev. Number: 4    Rev. Date: Feb 26, 2021

<b>Flammability Statement:</b>	Not Flammable
<b>Specific hazards arising from the chemical:</b>	Not Available
<b>Protective equipment and precautions for firefighters:</b>	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Data for 100% Dodecyl Sulfate, Sodium Salt: Particulate filter adapted to the airborne concentration of the substance.
<b>Environmental Precautions:</b>	Not Available
<b>Method of Containment</b>	Collect leaking and spilled liquid in sealable containers as far as possible.
<b>Method of Clean-up</b>	Clean-up with copious amounts of water.
<b>Other Information:</b>	Not Available

## 7. HANDLING AND STORAGE

<b>Handling:</b>	Handle in accordance with good industrial hygiene and safety practice.
<b>Storage:</b>	Ambient

## 8. EXPOSURE CONTROL

<b>Respiratory Protection:</b>	Ventilation, local exhaust, or breathing protection
<b>Eye Protection:</b>	Safety goggles. Safety spectacles
<b>Skin Protection:</b>	Wear appropriate personal protective clothing to prevent skin contact and protective gloves.
<b>Ingestion:</b>	Do not eat, drink, or smoke during work.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear, colorless solution at room temperature. White solid at refrigerated temperatures.
<b>Physical State:</b>	Liquid at RT
<b>Odor:</b>	Data for 100% Dodecyl Sulfate, Sodium Salt: Faint odor of fatty substances
<b>Odor Threshold:</b>	Not Available
<b>pH:</b>	Not Available
<b>Boiling Point:</b>	100°C/212°F (water)
<b>Evaporation Rate:</b>	Not Available
<b>Vapor Density:</b>	Not Available
<b>Vapor Pressure:</b>	Not Available
<b>Relative Density:</b>	Data for 100% Dodecyl Sulfate, Sodium Salt: 400-600 kg/m <sup>3</sup>
<b>Auto-Ignition Temperature:</b>	Not Available

SDS-10184

Rev. Number: 4 Rev. Date: Feb 26, 2021

<b>Water Solubility:</b>	Data for 100% Dodecyl Sulfate, Sodium Salt: g/100 ml at 20°C: 15 (moderate)
<b>Flammability:</b>	Not Available
<b>Flash Point:</b>	Not Available
<b>Viscosity:</b>	Not Available
<b>Oxidizing Properties:</b>	Not Available
<b>Explosive Properties:</b>	Not Available
<b>Additional Parameters</b>	See Datasheet/Product Insert for other Product Information.

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable under normal conditions
<b>Conditions to avoid:</b>	Data for 100% Dodecyl Sulfate, Sodium Salt: The substance decomposes on burning producing toxic and corrosive gases including carbon monoxide (See ICSC 0023, 0074 and 1202). Reacts with strong oxidants and strong acids
<b>Incompatibility Materials to Avoid:</b>	Data for 100% Dodecyl Sulfate, Sodium Salt: Strong oxidants and strong acids
<b>Hazardous Decomposition Products:</b>	Not Available
<b>Hazardous Polymerization:</b>	Will not occur
<b>Possibility of hazardous reactions:</b>	Not Available

## 11. TOXICOLOGY MEASURES

### Acute Toxicity

The toxicological risks are minor due to the low concentration of hazardous ingredients. The following toxicological information is for the hazardous ingredient in pure form.

<b>LD50 Oral:</b>	Data for 100% Dodecyl Sulfate, Sodium Salt: LD50 Rat 977 mg/Kg bw (Acutely Toxic)
<b>LD50 Dermal:</b>	Data for 100% Dodecyl Sulfate, Sodium Salt: LD50 Rabbit 580 mg/Kg bw (Acutely toxic)
<b>LC50 Inhalation:</b>	Not Available

### Chronic Toxicity

<b>Carcinogenicity:</b>	Not Available
<b>Irritation:</b>	Data for 100% Dodecyl Sulfate, Sodium salt: Risk Phrases - R36/37/38 Irritating to eyes, respiratory system and skin; R 21/22 Harmful in contact with skin and if swallowed
<b>Corrosivity:</b>	Not Available
<b>Sensitization:</b>	Data for 100% Dodecyl Sulfate, Sodium salt: May produce Allergic sensitivity reactions
<b>Neurological Effects:</b>	Not Available
<b>Mutagenic Effects:</b>	Not Available
<b>Reproductive Effects:</b>	Not Available
<b>Developmental Effects:</b>	Not Available
<b>Target Organ Effects:</b>	Not Available
<b>Other adverse effects:</b>	Not Available

SDS-10184

Rev. Number: 4 Rev. Date: Feb 26, 2021

## 12. ECOLOGICAL MEASURES

<b>Ecotoxicity:</b>	Data for 100% Dodecyl Sulfate, Sodium Salt: Fish (Fundulus heteroclitus) Static 96hr LC50 1.2 mg/L (Slightly harmful in the aquatic environment or are otherwise designed for biocidal action)
<b>Persistence/Degradability:</b>	Data for 100% Dodecyl Sulfate, Sodium Salt: Rapidly degradable
<b>Mobility in Environmental Media:</b>	Not Available
<b>Bioaccumulation/Accumulation:</b>	Data for 100% Dodecyl Sulfate, Sodium Salt: Fish (Proterorhinus marmoratus 240 day 15°C 4 mg/L BCF 7.15 (Not bioaccumulative)

## 13. DISPOSAL MEASURES

<b>Waste Disposal Method:</b>	Data for 100% Dodecyl Sulfate, Sodium Salt: Personal protection: particulate filter adapted to the airborne concentration of the substance. Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting. Do NOT let this chemical enter the environment.
<b>Contaminated Packaging:</b>	Not Available
<b>US EPA Waste Number:</b>	Not Available

## 14. TRANSPORTATION MEASURES

<b>DOT:</b>	Not Available
<b>IATA:</b>	Not Available
<b>ADR (road)/ RID (rail):</b>	Not Available
<b>IMDG (sea):</b>	Not Available
<b>General Transport Regulations</b>	Not Available

## 15. REGULATORY MEASURES

**This product is a mixture that may contain one or more hazardous chemicals. The hazardous ingredients listed are only those as required by 29 CFR 1910.1200 (OSHA HCS).**

### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains no chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

### **Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (See 40 CFR 61)**

This product contains no chemicals which are subject to the reporting requirements of the Clean Air Act.

### **State Regulations**

#### **California Proposition 65:**

This product contains the following Proposition 65 chemicals	None
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SDS-10184

Rev. Number: 4    Rev. Date: Feb 26, 2021

**State Right to Know Act**

<b>Chemical Name:</b>	<b>Dodecyl Sulfate, Sodium Salt</b>
<b>Massachusetts:</b>	Not Listed
<b>New Jersey:</b>	Not Listed
<b>Pennsylvania:</b>	Not Listed
<b>New York:</b>	Not Listed
<b>Rhode Island:</b>	Not Listed

**International Inventories**

<b>Chemical Name:</b>	<b>Dodecyl Sulfate, Sodium Salt</b>
<b>TSCAL:</b>	Listed
<b>DSL:</b>	Listed
<b>NDSL:</b>	Not Listed
<b>EINECS:</b>	Listed
<b>CHINA:</b>	Listed
<b>KECL:</b>	Listed
<b>JAPAN:</b>	Listed
<b>AICS:</b>	Listed

**EU Regulations**

<b>Annex I Index#:</b>	Not Available
<b>Classification:</b>	Not Available
<b>REACH (EU) 1907/2006</b>	This product does not contain any chemical listed in SVHC candidate list per Article 59 (10) of REACH regulation
<b>Hazard Statements:</b>	Not Available
<b>Precautionary Statements:</b>	Not Available
<b>Symbols and Indications of Danger:</b>	Not Available
<b>Specific Concentration Limits:</b>	Not Available
<b>Export and Import</b>	Data for 100% Dodecyl Sulfate, Sodium Salt: This substance is not listed in the Annex I of Regulation (EC) No 689/2008.
<b>European Priority List</b>	Data for 100% Dodecyl Sulfate, Sodium Salt: This substance is not listed in a priority list (as foreseen under Council Regulation (EEC) No 793/93 on the evaluation and control of the risks of existing substances.).

**16. OTHER INFORMATION**

The above information is believed to be accurate, complete and current but does not purport to be all inclusive and shall be used as a guide. SeraCare Life Sciences makes no representation or warranties with respect to the product described herein, including but not limited to any implied warranties or merchantability or fitness for a particular use. SeraCare assumes no liability or responsibility and authorizes no other person to assume any additional liability or responsibility as a result of the use of this product or the information contained in the Safety Data Sheet.

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