

Effects of chronic exposure

## SAFETY DATA SHEET

PRODUCT AND COMPANY IDENTIFICATION

Product Name EZ Complement Cells-CH50 Test

Catalog Number(s) 789-001

Recommended Use For the determination of total complement activity (CH50) in human serum.

Erba Diagnostics

Company Information 14100 NW 57<sup>th</sup> Court

Miami Lakes, FL 33014 Telephone: 305-418-2320

2. HAZARD(S) IDENTIFICATION

Skin Contact:

May cause irritation

way cause initiation

Eye Contact:

May cause irritation

Inhalation:

May cause irritation

May be fatal if swallowed.

Ingestion:

None known

## COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	Weight %
Gelatin	9000-70-8	0.05%
Barbital	57-44-3	0.03%
Sodium Barbital	144-02-5	0.02%
Sodium Chloride	7447-40-7	0.4%
Dextrose	50-99-7	2.5%
Sodium Azide	26628-22-8	0.02%
Calcium Chloride-Dihydrate	10035-04-8	0.002%
Magnesium Chloride Hexahydrate	7791-18-6	0.01%
Isotonic Saline Solution	8028-77-1	0.14%
Sheep Blood	N/A	1.7%

In compliance with OSHA Hazard Communication Standard (29 CFR 1910.1200), a chemical is hazardous if it contains 1.0% or more of a hazardous compound or 0.1 % or more of a carcinogen. I does NOT contain hazardous material(s) in excess of these amounts.

All donors have been tested and found nonreactive for HBsAg, HIV-1, HIV-2, and HCV. However, assure total freedom from these or other pathological agents. Normal laboratory precautions for hand serum should be exercised.

### 4. FIRST AID MEASURES

Eye Contact Flush eyes thoroughly with water. If irritation occurs, seek medical attention.

Skin Contact Wash affected area with water for at least 15 minutes

Inhalation Move exposed individual to fresh air. If individual is not breathing, begin artificial

respiration immediately.

Ingestion Seek medical attention if swallowed.

#### 5. FIRE-FIGHTING MEASURES

Flammable No

Flash point N/A

Extinguishing media

Use alcohol-resistant foam, carbon dioxide water or dry chemical spray. Use water

spray to cool fire-exposed containers.

Auto-ignition temperature N/A
Upper/Lower flammable limit N/A
Hazardous combustion products None



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## SAFETY DATA SHEET

ACCIDENTAL RELEASE MEASURES

**Personal Precautions** Protect eyes and mucous membranes from contact. Use good laboratory practice.

**Environmental Precautions** Contain spill to prevent contamination of surrounding areas.

Treat spill material with a 1:10 bleach/water solution. Dispose through a sanitary Leak and spill procedure

sewer, or use absorbent material and dispose as hazardous waste.

HANDLING AND STORAGE

Handle as if capable transmitting infectious agents Handling

Store at 2 to 8°C Storage

EXPOSURE CONTROLS/PERSONAL PROTECTION

**Personal Protective Equipment** 

Safety goggles, glasses, or face shield recommended. **Eye/Face Protection** 

Latex or equivalent gloves recommended **Skin Protection** 

Under normal use conditions, no respiratory protection is required. Respiratory Protection

Use in well ventilated areas. **Engineering Measures Exposure Guidelines** Avoid long or repeated exposure

PHYSICAL AND CHEMICAL PROPERTIES

**Physical State** Lyophilized powder

Powder Appearance

No data available Odor No data available **Odor Threshold** pН No data available No data available Vapor Pressure No data available Vapor Density No data available **Specific Gravity** No data available **Evaporation Rate** No data available **Melting Point Boiling Point** No data available

STABILITY AND REACTIVITY 10.

Complete

Stable at normal temperatures and pressures. Stability

None known **Hazardous Polymerization Incompatible Materials** None known None known **Hazardous Decomposition Products** 

TOXICOLOGICAL INFORMATION 11.

Acute Toxicity

Solubility in Water

No data available Irritation No data available Synergistic Products: LD50: MOPSO: No data available

**Chronic Toxicity** 

Contains no ingredients listed as potential carcinogens by ACGIH, IARC, NTP, Carcinogenicity

**OSHA** 

No data available Sensitization to Product: Mutagenic Effects No data available Reproductive/Developmental/Ter No data available

atogenic Effects

Other Adverse Effects

None known



12.	ECOLOGICAL INFORMATION
Ecotoxicity	No data available
13.	DISPOSAL INFORMATION
Waste Disposal Methods	Dispose according to all local, state and federal regulations.
14.	TRANPORT INFORMATION
DOT	
TDG	Transportation of this product not regulated according to the definition of hazardous
IATA	in 49CFR (US DOT). Transportation of this product is also not regulated by IATA, ICAO, Canadian TDG, or European ADR
IMDG/IMO	Torto, Canadian 190, or European 1910
15.	REGULATORY INFORMATION
TSCA	N/A
SARA 313	
SARA 311/312 Hazardous Category	No
Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
<b>Sudden Release of Pressure</b>	No
Reactive Hazard	No
Clean Water Act	N/A
Clean Air Act	N/A
OSHA	N/A
CERCLA	N/A
California Proposition 65	No
European Regulation 1272/2008 CE	N/A
European Regulation 1907/2006 CE and 453/2010	N/A
16.	OTHER INFORMATION

Prepared For:

Erba Diagnostics' Quality Assurance

Revision Date 09/24/15

Disclaimer:

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Effects of chronic exposure

# SAFETY DATA SHEET

PRODUCT AND COMPANY IDENTIFICATION

EZ Complement Reference Serum **Product Name** 

Catalog Number(s) 789-006

Recommended Use For the determination of total complement activity (CH50) in human serum.

Erba Diagnostics

14100 NW 57th Court **Company Information** 

Miami Lakes, FL 33014

Telephone: 305-418-2320

HAZARD(S) IDENTIFICATION 2.

**▼** Eye Contact ▼ Inhalation ▼ Ingestion Route of Entry/Exposure Skin Contact

Skin Contact:

May cause irritation

Eye Contact:

May cause irritation

Inhalation:

May cause irritation

May be fatal if swallowed.

Ingestion: None known

COMPOSITION/INFORMATION ON INGREDIENTS

CAS#

Component Human Serum

N/A

Weight % 100%

In compliance with OSHA Hazard Communication Standard (29 CFR 1910.1200), a chemical is

hazardous if it contains 1.0% or more of a hazardous compound or 0.1 % or more of a carcinogen. T

does NOT contain hazardous material(s) in excess of these amounts.

All donors have been tested and found nonreactive for HBsAg, HIV-1, HIV-2, and HCV. However, assure total freedom from these or other pathological agents. Normal laboratory precautions for hand

serum should be exercised.

FIRST AID MEASURES

Flush eyes thoroughly with water. If irritation occurs, seek medical attention. Eye Contact

Wash affected area with water for at least 15 minutes Skin Contact

Move exposed individual to fresh air. If individual is not breathing, begin artificial Inhalation

respiration immediately.

Seek medical attention if swallowed. Ingestion

FIRE-PIGHTING MEASURES 5,

Flammable No

N/A Flash point

Use alcohol-resistant foam, carbon dioxide water or dry chemical spray. Use water Extinguishing media

spray to cool fire-exposed containers.

N/A Auto-ignition temperature Upper/Lower flammable limit N/A

Hazardous combustion products

None



## SAFETY DATA SHEET

ACCIDENTAL RELEASE MEASURES

Protect eyes and mucous membranes from contact. Use good laboratory practice. **Personal Precautions** 

**Environmental Precautions** Contain spill to prevent contamination of surrounding areas.

Treat spill material with a 1:10 bleach/water solution. Dispose through a sanitary Leak and spill procedure

sewer, or use absorbent material and dispose as hazardous waste.

HANDLING AND STORAGE

Handle as if capable transmitting infectious agents Handling

Store at 2 to 8°C Storage

EXPOSURE CONTROLS/PERSONAL PROTECTION

**Personal Protective Equipment** 

Safety goggles, glasses, or face shield recommended. **Eye/Face Protection** 

**Skin Protection** Latex or equivalent gloves recommended

Under normal use conditions, no respiratory protection is required. **Respiratory Protection** 

Use in well ventilated areas. **Engineering Measures Exposure Guidelines** Avoid long or repeated exposure

PHYSICAL AND CHEMICAL PROPERTIES

Lyophilized **Physical State** 

White to off-white powder Appearance

No data available Odor **Odor Threshold** No data available No data available pН No data available Vapor Pressure No data available Vapor Density **Specific Gravity** No data available

No data available **Evaporation Rate** No data available **Melting Point** No data available **Boiling Point** 

Solubility in Water Complete

STABILITY AND REACTIVITY 10.

Stability Stable at normal temperatures and pressures.

None known Hazardous Polymerization None known **Incompatible Materials** None known **Hazardous Decomposition Products** 

TOXICOLOGICAL INFORMATION 11.

**Acute Toxicity** 

Irritation No data available No data available **Synergistic Products:** 

No data available LD50: MOPSO:

**Chronic Toxicity** 

Contains no ingredients listed as potential carcinogens by ACGIH, IARC, NTP, Carcinogenicity

**OSHA** 

Sensitization to Product: No data available No data available **Mutagenic Effects** 

Reproductive/Developmental/Ter No data available atogenic Effects

Other Adverse Effects

None known



12.	ECOLOGICAL INFORMATION
Ecotoxicity	No data available
13.	DISPOSAL INFORMATION
Waste Disposal Methods	Dispose according to all local, state and federal regulations.
14.	TRANPORT INFORMATION
DOT	STATE OF THE STATE
TDG	Transportation of this product not regulated according to the definition of hazardous
IATA	in 49CFR (US DOT). Transportation of this product is also not regulated by IATA, ICAO, Canadian TDG, or European ADR
IMDG/IMO	2010, 0
15.	REGULATORY INFORMATION
TSCA	N/A
SARA 313	
SARA 311/312 Hazardous Category	No
Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
<b>Sudden Release of Pressure</b>	No
Reactive Hazard	No
Clean Water Act	N/A
Clean Air Act	N/A
OSHA	N/A
CERCLA	N/A
California Proposition 65	No
European Regulation 1272/2008 CE	N/A
European Regulation 1907/2006 CE and 453/2010	N/A
16.	OTHER INFORMATION

Prepared For:Erba Diagnostics' Quality AssuranceRevision Date09/24/15

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# SAFETY DATA SHEET

PRODUCT AND COMPANY IDENTIFICATION

**Product Name** EZ Complement Reference Serum

Catalog Number(s) 789-006

For the determination of total complement activity (CH50) in human serum. Recommended Use

Erba Diagnostics

14100 NW 57th Court **Company Information** Miami Lakes, FL 33014

Telephone: 305-418-2320

HAZARD(S) IDENTIFICATION

▼ Eye Contact **▼** Inhalation ✓ Ingestion Route of Entry/Exposure Skin Contact

Skin Contact:

May cause irritation

Eye Contact: May cause irritation

Inhalation: May cause irritation

May be fatal if swallowed. Ingestion:

Effects of chronic exposure None known

COMPOSITION/INFORMATION ON INGREDIENTS

CAS# Weight % Component 100% N/A Human Serum

In compliance with OSHA Hazard Communication Standard (29 CFR 1910.1200), a chemical is hazardous if it contains 1.0% or more of a hazardous compound or 0.1 % or more of a carcinogen. T does NOT contain hazardous material(s) in excess of these amounts.

All donors have been tested and found nonreactive for HBsAg, HIV-1, HIV-2, and HCV. However, assure total freedom from these or other pathological agents. Normal laboratory precautions for hand serum should be exercised.

PURSIDAJID MIDASURIDS

Flush eyes thoroughly with water. If irritation occurs, seek medical attention. **Eye Contact** 

Wash affected area with water for at least 15 minutes Skin Contact

Move exposed individual to fresh air. If individual is not breathing, begin artificial Inhalation

respiration immediately.

Seek medical attention if swallowed. Ingestion

FIRE-FIGHTING MEASURES 5.

No Flammable N/A Flash point

Use alcohol-resistant foam, carbon dioxide water or dry chemical spray. Use water Extinguishing media

spray to cool fire-exposed containers.

Auto-ignition temperature N/A N/A Upper/Lower flammable limit Hazardous combustion products None



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## SAFETY DATA SHEET

ACCIDENTAL RELEASE MEASURES

**Personal Precautions** Protect eyes and mucous membranes from contact. Use good laboratory practice.

**Environmental Precautions** Contain spill to prevent contamination of surrounding areas.

Treat spill material with a 1:10 bleach/water solution. Dispose through a sanitary Leak and spill procedure

sewer, or use absorbent material and dispose as hazardous waste.

HANDLING AND STORAGE

Handling Handle as if capable transmitting infectious agents

Storage Store at 2 to 8°C

EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Safety goggles, glasses, or face shield recommended. **Eye/Face Protection** 

Latex or equivalent gloves recommended Skin Protection

Under normal use conditions, no respiratory protection is required. **Respiratory Protection** 

Use in well ventilated areas. **Engineering Measures Exposure Guidelines** Avoid long or repeated exposure

PHYSICAL AND CHEMICAL PROPERTIES

**Physical State** Lyophilized

White to off-white powder Appearance

No data available Odor **Odor Threshold** No data available No data available pН No data available Vapor Pressure No data available Vapor Density

Specific Gravity No data available No data available **Evaporation Rate** No data available **Melting Point** No data available **Boiling Point** 

Solubility in Water Complete

STABILITY AND REACTIVITY 10.

Stability Stable at normal temperatures and pressures.

None known **Hazardous Polymerization** None known **Incompatible Materials** None known **Hazardous Decomposition Products** 

TOXICOLOGICAL INFORMATION 11.

**Acute Toxicity** 

Irritation No data available **Synergistic Products:** No data available No data available LD50: MOPSO:

**Chronic Toxicity** 

Contains no ingredients listed as potential carcinogens by ACGIH, IARC, NTP, Carcinogenicity

**OSHA** 

Sensitization to Product: No data available No data available **Mutagenic Effects** Reproductive/Developmental/Ter No data available

atogenic Effects None known Other Adverse Effects



(17.55m) (16.5m) (15.5m) (15.5m) (15.5m)	
12.	ECOLOGICAL INFORMATION
Ecotoxicity	No data available
13.	DISPOSAL INFORMATION
Waste Disposal Methods	Dispose according to all local, state and federal regulations.
14.	TRANPORT INFORMATION
DOT	
TDG	Transportation of this product not regulated according to the definition of hazardous in 49CFR (US DOT). Transportation of this product is also not regulated by IATA,
IATA	ICAO, Canadian TDG, or European ADR
IMDG/IMO	
15.	REGULATORY INFORMATION
TSCA	N/A
SARA 313	
SARA 311/312 Hazardous Category	No
Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
<b>Sudden Release of Pressure</b>	No
Reactive Hazard	No
Clean Water Act	N/A
Clean Air Act	N/A
OSHA	N/A
CERCLA	N/A
California Proposition 65	No
European Regulation 1272/2008 CE	N/A
European Regulation 1907/2006 CE and 453/2010	N/A
16.	OTHER INFORMATION

Prepared For:

Erba Diagnostics' Quality Assurance

**Revision Date** 

09/24/15

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# SAFETY DATA SHEET

PRODUCT AND COMPANY IDENTIFICATION

Product Name EZ Complement Reference Serum

Catalog Number(s) 789-006

Recommended Use For the determination of total complement activity (CH50) in human serum.

Erba Diagnostics

Company Information 14100 NW 57<sup>th</sup> Court

Miami Lakes, FL 33014

Telephone: 305-418-2320

HAZARD(S) IDENTIFICATION

Skin Contact: May cause irritation

Eye Contact: May cause irritation

Inhalation: May cause irritation

Ingestion: May be fatal if swallowed.

Effects of chronic exposure None known

3. COMPOSITION/INFORMATION ON INGREDIENTS

ComponentCAS#Weight %Human SerumN/A100%

In compliance with OSHA Hazard Communication Standard (29 CFR 1910.1200), a chemical is hazardous if it contains 1.0% or more of a hazardous compound or 0.1 % or more of a carcinogen. T

does NOT contain hazardous material(s) in excess of these amounts.

All donors have been tested and found nonreactive for HBsAg, HIV-1, HIV-2, and HCV. However, assure total freedom from these or other pathological agents. Normal laboratory precautions for hand

serum should be exercised.

4. FIRST AID MEASURES

Eye Contact Flush eyes thoroughly with water. If irritation occurs, seek medical attention.

Skin Contact Wash affected area with water for at least 15 minutes

Inhalation Move exposed individual to fresh air. If individual is not breathing, begin artificial

respiration immediately.

Ingestion Seek medical attention if swallowed.

5. FIRE-FIGHTING MEASURES

Flammable No Flash point N/A

Extinguishing media

Use alcohol-resistant foam, carbon dioxide water or dry chemical spray. Use water

spray to cool fire-exposed containers.

Auto-ignition temperature N/A
Upper/Lower flammable limit N/A
Hazardous combustion products None



## SAFETY DATA SHEET

ACCIDENTAL RELEASE MEASURES

Personal Precautions Protect eyes and mucous membranes from contact. Use good laboratory practice.

**Environmental Precautions**Contain spill to prevent contamination of surrounding areas.

Leak and spill procedure

Treat spill material with a 1:10 bleach/water solution. Dispose through a sanitary

sewer, or use absorbent material and dispose as hazardous waste.

7. HANDLING AND STORAGE

Handling Handle as if capable transmitting infectious agents

Storage Store at 2 to 8°C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Personal Protective Equipment** 

Eye/Face Protection Safety goggles, glasses, or face shield recommended.

Skin Protection Latex or equivalent gloves recommended

Respiratory Protection Under normal use conditions, no respiratory protection is required.

Engineering Measures
Use in well ventilated areas.

Exposure Guidelines
Avoid long or repeated exposure

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Lyophilized

Appearance White to off-white powder

Odor No data available
Odor Threshold No data available
pH No data available
Vapor Pressure No data available
Vapor Density No data available
Specific Gravity No data available

Evaporation RateNo data availableMelting PointNo data availableBoiling PointNo data available

Solubility in Water Complete

10. STABILITY AND REACTIVITY

Stability Stable at normal temperatures and pressures.

Hazardous PolymerizationNone knownIncompatible MaterialsNone knownHazardous Decomposition ProductsNone known

11. TOXICOLOGICAL INFORMATION

**Acute Toxicity** 

Irritation No data available

Synergistic Products: No data available

LD50: MOPSO: No data available

**Chronic Toxicity** 

Contains no ingredients listed as potential carcinogens by ACGIH, IARC, NTP,

Carcinogenicity OSHA

Sensitization to Product: No data available

Mutagenic Effects No data available

Reproductive/Developmental/Ter No data available

atogenic Effects
Other Adverse Effects
None known



12.	ECOLOGICAL INFORMATION
Ecotoxicity	No data available
13.	DISPOSAL INFORMATION
Waste Disposal Methods	Dispose according to all local, state and federal regulations.
14.	TRANPORT INFORMATION
DOT	
TDG	Transportation of this product not regulated according to the definition of hazardous in 49CFR (US DOT). Transportation of this product is also not regulated by IATA,
IATA	ICAO, Canadian TDG, or European ADR
IMDG/IMO	
15.	REGULATORY INFORMATION
TSCA	N/A
SARA 313	
SARA 311/312 Hazardous Category	No
Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
<b>Sudden Release of Pressure</b>	No
Reactive Hazard	No
Clean Water Act	N/A
Clean Air Act	N/A
OSHA	N/A
CERCLA	N/A
California Proposition 65	No
European Regulation 1272/2008 CE	N/A
European Regulation 1907/2006 CE and 453/2010	N/A
16.	OTHER INFORMATION

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Erba Diagnostics' Quality Assurance

**Revision Date** 

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