

Product Number: CF46
Product Name: Total Human
Coagulation
Factor XI
ELISA
Revision: 220914

1.1 Product Identification

Product Name: CF46 Standard
Product Number: CF46
Brand: Oxford Biomedical Research

1.2 Supplier

Company: Oxford Biomedical Research, Inc.
PO Box 522
Oxford, MI 48371
USA
Contact: 248-852-8815
info@oxfordbiomed.com

1.3 Relevant Uses

Identified uses: Research Assay

1.4 Emergency Contact Number

Contact: 248-852-8815

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 GHS Label or Precautionary Statements

Not a hazardous substance or mixture.

2.3 Hazards not otherwise classified

None

3.1 Substances: Standard (1 Vial)

Glycerine < = 50%

**4.1 Description of first aid measures
If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water. Remove contaminated clothing.

In case of eye contact

Flush eyes with plenty of water. Remove contact lenses.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water (2 glasses at most). Consult a doctor if feeling unwell.

4.2 Most important symptoms and effects: acute or delayed

The most important symptoms/effects are listed in section 2 and 11

4.3 Recommendations for immediate medical care or special treatment

Treat symptomatically

5.1 Extinguishing media

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

5.2 Special hazards

Carbon oxides, ambient fire may liberate hazardous vapors.

SECTION 6: Accidental Release Measures

6.1 Personal precautions and personal protective equipment

Standard laboratory personal protective equipment should be utilized.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods for containment and clean up

Wipe with absorbent material and dispose of in suitable container. Cover drains.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Follow standard Good Laboratory Practices while using this product.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Recommended storage temperature is 4°C.

SECTION 8: Exposure Controls/Personal Protection

8.1	OSHA Permissible Exposure Limits Glycerine	Value: TWA Control Parameters: 5mg/m ³
8.2	Exposure controls	Follow standard Good Laboratory Practices while using this product.
8.3	Personal Protective Equipment	
	Eye/face protection	Use eye protection approved by NIOSH or EN166.
	Skin protection	Handle with gloves. Use proper glove removal technique to avoid skin contact. Gloves should be disposed of after use according to standard Good Laboratory Practices. Wash hands after use.
	Body protection	Wear a lab coat in accordance to standard Good Laboratory Practices.
	Respiratory protection	Respiratory protection is not required.
	Control of environmental exposure	Do not let product enter drains.

SECTION 9: Physical and Chemical Properties

Appearance	Powder
Odor	None
Flammability	No data available
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	No data available
Relative Density	No data available
Melting Point	No data available
Freezing Point	No data available

Solubility	No data available
Boiling Point	No data available
Flash Point	No data available
Evaporation Rate:	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

SECTION 10: Stability and Reactivity

10.1	Reactivity	No data available
10.2	Chemical Stability	Stable under recommended storage conditions
10.3	Possibility of hazardous reactions	No data available

SECTION 11: Toxicological Information

11.1	Toxicity	
	Acute toxicity	No data available
	Skin irritation	No data available
	Serious eye damage or irritation	No data available
	Respiratory or skin sensitization	No data available
	Germ cell mutagenicity	No data available
	Carcinogenicity	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.
	Reproductive toxicity	No data available
	Specific target organ toxicity	No data available

Aspiration hazard No data available

SECTION 12: Ecological Information

12.1	Toxicity	Toxicity to fish, algae, daphnia and other aquatic invertebrates.
12.2	Persistence and degradability	No data available
12.3	Bioaccumulation potential	No data available
12.4	Mobility in Soil	No data available
12.5	Other adverse effects	No data available

SECTION 13: Disposal Considerations

13.1	Waste treatment methods	Dispose of product with a licensed disposal company.
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SECTION 14: Transport Information

14.1	US DOT	Not dangerous goods
14.2	IMDG	Not dangerous goods
14.3	IATA	Not dangerous goods

SECTION 15: Regulatory Information

No known regulatory requirements.

SECTION 16: Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.

Revision date: 9-14-22

1.1 Product Identification

Product Name: CF46 10x Wash Buffer
Product Number: CF46
Brand: Oxford Biomedical Research

1.2 Supplier

Company: Oxford Biomedical Research, Inc.
PO Box 522
Oxford, MI 48371
USA
Contact: 248-852-8815
info@oxfordbiomed.com

1.3 Relevant Uses

Identified uses: Research Assay

1.4 Emergency Contact Number

Contact: 248-852-8815

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 GHS Label or Precautionary Statements

Not a hazardous substance or mixture.

2.3 Hazards not otherwise classified

None

3.1 Substances: 10x Wash Buffer (50mL)

No components need to be disclosed according to the applicable regulations.

4.1 Description of first aid measures

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water. Remove contaminated clothing.

In case of eye contact

Flush eyes with plenty of water. Remove contact lenses.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water (2 glasses at most). Consult a doctor if feeling unwell.

4.2 Most important symptoms and effects: acute or delayed

The most important symptoms/effects are listed in section 2 and 11

4.3 Recommendations for immediate medical care or special treatment

Treat symptomatically

5.1 Extinguishing media

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

5.2 Special hazards

Carbon oxides, hydrogen chloride gas, sodium oxides, nitrogen oxides, ambient fire may liberate hazardous vapors.

SECTION 6: Accidental Release Measures

6.1 Personal precautions and personal protective equipment

Standard laboratory personal protective equipment should be utilized.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods for containment and clean up

Wipe with absorbent material and dispose of in suitable container. Cover drains

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Follow standard Good Laboratory Practices while using this product.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Recommended storage temperature is 4°C.

SECTION 8: Exposure Controls/Personal Protection

8.1 OSHA Permissible Exposure Limits

Contains no substances with occupational exposure limits.

8.2	Exposure controls	Follow standard Good Laboratory Practices while using this product.
8.3	Personal Protective Equipment	
	Eye/face protection	Use eye protection approved by NIOSH or EN166.
	Skin protection	Handle with gloves. Use proper glove removal technique to avoid skin contact. Gloves should be disposed of after use according to standard Good Laboratory Practices. Wash hands after use.
	Body protection	Wear a lab coat in accordance to standard Good Laboratory Practices.
	Respiratory protection	Respiratory protection is not required.
	Control of environmental exposure	Do not let product enter drains

SECTION 9: Physical and Chemical Properties

Appearance	Clear/light yellow liquid
Odor	None
Flammability	No data available
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	No data available
Relative Density	No data available
Melting Point	No data available
Freezing Point	No data available
Solubility	Soluble in water
Boiling Point	No data available
Flash Point	No data available
Evaporation Rate:	No data available
Auto-ignition Temperature	No data available

Decomposition Temperature No data available

Viscosity No data available

SECTION 10: Stability and Reactivity

10.1 Reactivity No data available

10.2 Chemical Stability Stable under recommended storage conditions

10.3 Possibility of hazardous reactions Violent reactions possible with strong oxidizing agents, bases, alkali metals, lithium.

SECTION 11: Toxicological Information

11.1 Toxicity
Acute toxicity No data available

Skin irritation No known skin irritation.

Serious eye damage or irritation No data available

Respiratory or skin sensitization No data available

Germ cell mutagenicity No mutagenic affects

Carcinogenicity No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.

Reproductive toxicity No data available

Specific target organ toxicity No data available

Aspiration hazard No data available

SECTION 12: Ecological Information

12.1	Toxicity	No data available
12.2	Persistence and degradability	No data available
12.3	Bioaccumulation potential	No data available
12.4	Mobility in Soil	No data available
12.5	Other adverse effects	Do not let product enter drains

SECTION 13: Disposal Considerations

13.1	Waste treatment methods	Dispose of product with a licensed disposal company.
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SECTION 14: Transport Information

14.1	US DOT	Not dangerous goods
14.2	IMDG	Not dangerous goods
14.3	IATA	Not dangerous goods

SECTION 15: Regulatory Information

No known regulatory requirements.

SECTION 16: Other Information

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide.

Revision date: 9-19-22

1.1 Product Identification

Product Name: CF46 Primary Antibody
Product Number: CF46
Brand: Oxford Biomedical Research

1.2 Supplier

Company: Oxford Biomedical Research, Inc.
PO Box 522
Oxford, MI 48371
USA
Contact: 248-852-8815
info@oxfordbiomed.com

1.3 Relevant Uses

Identified uses: Research Assay

1.4 Emergency Contact Number

Contact: 248-852-8815

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 GHS Label or Precautionary Statements

Not a hazardous substance or mixture.

2.3 Hazards not otherwise classified

None

3.1 Substances: Primary Antibody (1 vial)

Glycerine < = 20%

4.1 Description of first aid measures

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water. Remove contaminated clothing.

In case of eye contact

Flush eyes with plenty of water. Remove contact lenses.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water (2 glasses at most). Consult a doctor if feeling unwell.

4.2 Most important symptoms and effects: acute or delayed

The most important symptoms/effects are listed in section 2 and 11

4.3 Recommendations for immediate medical care or special treatment

Treat symptomatically

5.1 Extinguishing media

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

5.2 Special hazards

Oxides of phosphorus, potassium oxides, sodium oxides, hydrogen chloride gas, carbon oxides, ambient fire may liberate hazardous vapors.

SECTION 6: Accidental Release Measures**6.1 Personal precautions and personal protective equipment**

Standard laboratory personal protective equipment should be utilized.

6.2 Environmental precautions

Do not let product enter drains

6.3 Methods for containment and clean up

Wipe with absorbent material and dispose of in suitable container. Cover drains

SECTION 7: Handling and Storage**7.1 Precautions for safe handling**

Follow standard Good Laboratory Practices while using this product.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Recommended storage temperature is 4°C.

SECTION 8: Exposure Controls/Personal Protection

8.1	OSHA Permissible Exposure Limits Glycerine	Value: TWA Control Parameters: 5mg/m ³
8.2	Exposure controls	Follow standard Good Laboratory Practices while using this product.
8.3	Personal Protective Equipment	
	Eye/face protection	Use eye protection approved by NIOSH or EN166.
	Skin protection	Handle with gloves. Use proper glove removal technique to avoid skin contact. Gloves should be disposed of after use according to standard Good Laboratory Practices. Wash hands after use.
	Body protection	Wear a lab coat in accordance to standard Good Laboratory Practices.
	Respiratory protection	Respiratory protection is not required.
	Control of environmental exposure	Do not let product enter drains.

SECTION 9: Physical and Chemical Properties

Appearance	Powder
Odor	None
Flammability	Not data available
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	No data available
Relative Density	No data available
Melting Point	No data available
Freezing Point	No data available
Solubility	Soluble in water
Boiling Point	No data available
Flash Point	No data available
Evaporation Rate:	No data available

Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

SECTION 10: Stability and Reactivity

10.1	Reactivity	No data available
10.2	Chemical Stability	Stable under recommended storage conditions
10.3	Possibility of hazardous reactions	Violent reactions possible with strong oxidizing agents, bases, acids, alkali metals, lithium.

SECTION 11: Toxicological Information

11.1	Toxicity	
	Acute toxicity	No data available
	Skin irritation	No known skin irritation
	Serious eye damage or irritation	No known eye irritation
	Respiratory or skin sensitization	No data available
	Germ cell mutagenicity	No data available
	Carcinogenicity	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.
	Reproductive toxicity	No data available
	Specific target organ toxicity	No data available
	Aspiration hazard	No data available

SECTION 12: Ecological Information

12.1	Toxicity	Toxicity to fish, algae, bacteria, daphnia and other aquatic invertebrates.
12.2	Persistence and degradability	No data available
12.3	Bioaccumulation potential	No data available
12.4	Mobility in Soil	No data available
12.5	Other adverse effects	Discharge into the environment must be avoided.

SECTION 13: Disposal Considerations

13.1	Waste treatment methods	Dispose of product with a licensed disposal company.
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SECTION 14: Transport Information

14.1	US DOT	Not dangerous goods
14.2	IMDG	Not dangerous goods
14.3	IATA	Not dangerous goods

SECTION 15: Regulatory Information

No known regulatory requirements.

SECTION 16: Other Information

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide.

Revision date: 9-20-22

1.1 **Product Identification**

Product Name: CF46 TMB Substrate
Product Number: CF46
Brand: Oxford Biomedical Research

1.2 **Supplier**

Company: Oxford Biomedical Research, Inc.
PO Box 522
Oxford, MI 48371
USA
Contact: 248-852-8815
info@oxfordbiomed.com

1.3 **Relevant Uses**

Identified uses: Research Assay

1.4 **Emergency Contact Number**

Contact: 248-852-8815

2.1 **Classification of the substance or mixture**

Not a hazardous substance or mixture.

2.2 **GHS Label or Precautionary Statements**

Contains oxidizing substances at < 0.5%

2.3 **Hazards not otherwise classified**

None

3.1 **Substances:** TMB Substrate (10mL)

2-Pyrrolidinone	Eye Irrit. 2; H319
Urea Hydrogen Peroxide	Ox. Sol. 3; Skin Corr. 1B; Eye Dam. 1; H272, H314, H318

4.1 **Description of first aid measures**

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Seek medical attention if irritation or symptoms persist.

In case of skin contact

Wash off with soap and plenty of water. Remove contaminated clothing. Seek medical attention

if irritation or symptoms persist.

In case of eye contact

Flush eyes with plenty of water. Remove contact lenses. Seek medical attention if irritation or symptoms persist.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Do not induce vomiting unless told to do so by poison control or a doctor. Seek medical attention if feeling unwell.

4.2 Most important symptoms and effects: acute or delayed

The most important symptoms/effects are listed in section 2 and 11

4.3 Recommendations for immediate medical care or special treatment

Treat symptomatically

5.1 Extinguishing media

Use water spray, dry chemical, or carbon dioxide

5.2 Special hazards

Do not allow undiluted product to be released to ground water, water course, or sewage system. Contains oxidizing substances at < 0.5%.

SECTION 6: Accidental Release Measures

6.1 Personal precautions and personal protective equipment

Standard laboratory personal protective equipment should be utilized.

6.2 Environmental precautions

Do not flush into surface water. Do not let product contaminate subsoil.

6.3 Methods for containment and clean up

Wipe with absorbent material and dispose of in suitable container. Do not contaminate water by cleaning of equipment or disposal of wastes.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Follow standard Good Laboratory Practices while using this product.

7.2	Conditions for safe storage, including any incompatibilities	Keep in an amber container tightly closed. Recommended storage temperature is 4°C. Sensitive to light.
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SECTION 8: Exposure Controls/Personal Protection

8.1	OSHA Permissible Exposure Limits	Contains no substances with occupational exposure limits.
8.2	Exposure controls	Follow standard Good Laboratory Practices while using this product.
8.3	Personal Protective Equipment	
	Eye/face protection	Use eye protection approved by NIOSH or EN166.
	Skin protection	Handle with gloves. Use proper glove removal technique to avoid skin contact. Gloves should be disposed of after use according to standard Good Laboratory Practices. Wash hands after use.
	Body protection	Wear a lab coat in accordance to standard Good Laboratory Practices.
	Respiratory protection	Respiratory protection is not required.
	Control of environmental exposure	Do not let product enter drains.

SECTION 9: Physical and Chemical Properties

Appearance	Colorless to light blue liquid
Odor	Characteristic
Flammability	Not applicable
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	3.1-3.5
Relative Density	No data available
Melting Point	Not applicable
Freezing Point	No data available

Solubility	Soluble in water
Boiling Point	No data available
Flash Point	No data available
Evaporation Rate:	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

SECTION 10: Stability and Reactivity

10.1	Reactivity	Stable under normal conditions.
10.2	Chemical Stability	Stable under recommended storage conditions
10.3	Possibility of hazardous reactions	Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

SECTION 11: Toxicological Information

11.1	Toxicity	
	Acute toxicity	Based on available data, classification criteria are not met.
	Skin irritation	May cause irritation to skin.
	Serious eye damage or irritation	May cause irritation to eyes.
	Respiratory or skin sensitization	May cause allergic reactions in susceptible people.
	Germ cell mutagenicity	No mutagenic effects reported.
	Carcinogenicity	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.
	Reproductive toxicity	No teratogenic effects
	Specific target organ toxicity	May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Aspiration hazard No significant hazard.

SECTION 12: Ecological Information

12.1	Toxicity	No data available
12.2	Persistence and degradability	No data available
12.3	Bioaccumulation potential	No data available
12.4	Mobility in Soil	No data available
12.5	Other adverse effects	Specific test data not available

SECTION 13: Disposal Considerations

13.1	Waste treatment methods	Dispose of product with a licensed disposal company.
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SECTION 14: Transport Information

14.1	US DOT	Not dangerous goods
14.2	IMDG	Not dangerous goods
14.3	IATA	Not dangerous goods

SECTION 15: Regulatory Information

No known regulatory requirements.

SECTION 16: Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.

Revision date: 9-20-22