

Product Number: EA84
Product Name: 15-Isoprostane₄
EIA
Revision: 200611

1.1 Product Identification

Product Name: EA84 Wash Buffer (5x)
Product Number: EA84
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: Wash Buffer (5x) (40mL)

Doesn't contain any harmful substances

- 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.
In case of eye contact
Flush eyes with water as a precaution. Eye wash bottles should be available.
If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects: acute or delayed
The most important known symptoms and effects are listed in sections 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 Smoke from fires is toxic

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 No special environmental precautions are required.

6.3 Methods for containment and clean up Wipe with absorbent material and dispose of in suitable container.

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	No special environmental precautions are required.

SECTION 9: Physical and Chemical Properties

Appearance	Liquid
Odor	None
Flammability	Not flammable
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	7.5
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	Not self-igniting
Decomposition Temperature	No data available
Viscosity	No data available

SECTION 10: Stability and Reactivity

10.1	Reactivity	Not known to react with other substances in an adverse manner
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 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 No data available

SECTION 13: Disposal Considerations

13.1 Waste treatment methods Dispose of product with a licensed disposal company.

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: 6-11-20

1.1 Product Identification

Product Name: EA84 Enhanced Dilution Buffer (5x)
Product Number: EA84
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: Enhanced Dilution Buffer (5x) (100mL)

Doesn't contain any harmful substances

**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.

In case of eye contact

Flush eyes with water as a precaution. Eye wash bottles should be available.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects: acute or delayed

The most important known symptoms and effects are listed in sections 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 Smoke from fires is toxic

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 No special environmental precautions are required.

6.3 Methods for containment and clean up Wipe with absorbent material and dispose of in suitable container.

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	No special environmental precautions are required.

SECTION 9: Physical and Chemical Properties

Appearance	Clear Liquid
Odor	None
Flammability	Not flammable
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	7.2
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	Not self-igniting
Decomposition Temperature	No data available
Viscosity	No data available

SECTION 10: Stability and Reactivity

10.1	Reactivity	Not known to react with other substances in an adverse manner
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 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 No data available

SECTION 13: Disposal Considerations

13.1 Waste treatment methods Dispose of product with a licensed disposal company.

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: 6-11-20

1.1 Product Identification

Product Name: EA84 K-Blue Substrate TMB
Product Number: EA84
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

Contains oxidizing substances at <0.5%

3.1 Substances: TMB (25mL)

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

**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.

In case of eye contact

Flush eyes with water as a precaution. Eye wash bottles should be available.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects: acute or delayed

The most important known symptoms and effects are listed in sections 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 Don't allow undiluted product to be released to ground water, water course, or sewage system

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, don't let product contaminate subsoil

6.3 Methods for containment and clean up Wipe with absorbent material and dispose of in suitable container.

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.
Avoid direct exposure to sunlight
Store only in Amber colored plastic or glass bottles

Keep away from common metal ions

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 to faint blue solution
Odor	None
Flammability	Not flammable
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	Completely soluble in water

Boiling Point	Not determined
Flash Point	No data available
Evaporation Rate:	No data available
Auto-ignition Temperature	Not self-igniting
Decomposition Temperature	No data available
Viscosity	No data available

SECTION 10: Stability and Reactivity

10.1	Reactivity	Not known to react with other substances in an adverse manner
10.2	Chemical Stability	Stable under recommended storage conditions
10.3	Possibility of hazardous reactions	No hazardous reactions known if used for its intended purpose

SECTION 11: Toxicological Information

11.1	Toxicity	
	Acute toxicity	Based on available data, classification criteria 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 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 teratogenic effects

Specific target organ toxicity	May cause allergy or asthma symptoms or breathing difficulty if inhaled
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Aspiration hazard	No data available
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SECTION 12: Ecological Information

12.1	Toxicity	Not hazardous
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	On available data, this substance is not harmful to the environment.

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: 6-11-20

1.1 Product Identification

Product Name: Enzyme Conjugate Reagent
Product Number: EA84
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: HRP Conjugate (200µL)

Doesn't contain any harmful substances.

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.

In case of eye contact

Flush eyes with water as a precaution. Eye wash bottles should be available.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects: acute or delayed

The most important known symptoms and effects are listed in sections 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 Smoke from fires is toxic

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 No special environmental precautions are required.

6.3 Methods for containment and clean up Wipe with absorbent material and dispose of in suitable container.

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 -80°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	No special environmental precautions are required.

SECTION 9: Physical and Chemical Properties

Appearance	Liquid
Odor	None
Flammability	Not flammable
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	Not self-igniting
Decomposition Temperature	No data available
Viscosity	No data available

SECTION 10: Stability and Reactivity

10.1	Reactivity	Not known to react with other substances in an adverse manner
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 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 No data available

SECTION 13: Disposal Considerations

13.1 Waste treatment methods Dispose of product with a licensed disposal company.

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: 6-11-20

1.1 Product Identification

Product Name: EA84 15-Isoprostane F2t Standard
Product Number: EA84
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: 15-Isoprostane F2t Standard (75µL)

Doesn't contain any harmful substances

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.

In case of eye contact

Flush eyes with water as a precaution. Eye wash bottles should be available.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects: acute or delayed

The most important known symptoms and effects are listed in sections 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 Smoke from fires is toxic

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 No special environmental precautions are required.

6.3 Methods for containment and clean up Wipe with absorbent material and dispose of in suitable container.

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 -80°C.
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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	No special environmental precautions are required.

SECTION 9: Physical and Chemical Properties

Appearance	Liquid
Odor	None
Flammability	Not flammable
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	Not self-igniting
Decomposition Temperature	No data available
Viscosity	No data available

SECTION 10: Stability and Reactivity

10.1	Reactivity	Not known to react with other substances in an adverse manner
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 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 No data available

SECTION 13: Disposal Considerations

13.1 Waste treatment methods Dispose of product with a licensed disposal company.

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: 6-11-20

