

# Global Bioartificial Kidney Market Research Report 2016

https://marketpublishers.com/r/GDB27827A8FEN.html

Date: September 2016 Pages: 115 Price: US\$ 2,900.00 (Single User License) ID: GDB27827A8FEN

### Abstracts

#### Notes:

Production, means the output of Bioartificial Kidney

Revenue, means the sales value of Bioartificial Kidney

This report studies Bioartificial Kidney in Global market, especially in North America, Europe, China, Japan, Southeast Asia and India, focuses on top manufacturers in global market, with Production, price, revenue and market share for each manufacturer, covering

Baxter International, Inc. (USA)

Abbott Diabetes Care, Inc. (USA)

Vital Therapies, Inc. (USA)

Xenios AG (Germany)

Asahi Kasei Medical Co., Ltd. (Japan)

Medtronic, Inc. (USA)

HeartWare International, Inc. (USA)

Fresenius Medical Care AG & Co. KGaA (Germany)



Jarvik Heart, Inc. (USA)

Toray Medical Co., Ltd. (Japan)

Nikkiso Co., Ltd. (Japan)

Nipro Corporation (Japan)

SynCardia Systems, Inc. (USA)

Terumo Heart, Inc. (USA)

Thoratec Corp. (USA)

Market Segment by Regions, this report splits Global into several key Regions, with production, consumption, revenue, market share and growth rate of Bioartificial Kidney in these regions, from 2011 to 2021 (forecast), like

North America Europe

China

Japan

Southeast Asia

India

Split by product type, with production, revenue, price, market share and growth rate of each type, can be divided into

Type I

Type II



Type III

Split by application, this report focuses on consumption, market share and growth rate of Bioartificial Kidney in each application, can be divided into

Application 1

Application 2

Application 3



# Contents

Global Bioartificial Kidney Market Research Report 2016

#### **1 BIOARTIFICIAL KIDNEY MARKET OVERVIEW**

- 1.1 Product Overview and Scope of Bioartificial Kidney
- 1.2 Bioartificial Kidney Segment by Type
- 1.2.1 Global Production Market Share of Bioartificial Kidney by Type in 2015
- 1.2.2 Type I
- 1.2.3 Type II
- 1.2.4 Type III
- 1.3 Bioartificial Kidney Segment by Application
- 1.3.1 Bioartificial Kidney Consumption Market Share by Application in 2015
- 1.3.2 Application
- 1.3.3 Application
- 1.3.4 Application
- 1.4 Bioartificial Kidney Market by Region
  - 1.4.1 North America Status and Prospect (2011-2021)
  - 1.4.2 Europe Status and Prospect (2011-2021)
  - 1.4.3 China Status and Prospect (2011-2021)
  - 1.4.4 Japan Status and Prospect (2011-2021)
- 1.4.5 Southeast Asia Status and Prospect (2011-2021)
- 1.4.6 India Status and Prospect (2011-2021)
- 1.5 Global Market Size (Value) of Bioartificial Kidney (2011-2021)

# 2 GLOBAL BIOARTIFICIAL KIDNEY MARKET COMPETITION BY MANUFACTURERS

- 2.1 Global Bioartificial Kidney Production and Share by Manufacturers (2015 and 2016)
- 2.2 Global Bioartificial Kidney Revenue and Share by Manufacturers (2015 and 2016)
- 2.3 Global Bioartificial Kidney Average Price by Manufacturers (2015 and 2016)

2.4 Manufacturers Bioartificial Kidney Manufacturing Base Distribution, Sales Area and Product Type

- 2.5 Bioartificial Kidney Market Competitive Situation and Trends
  - 2.5.1 Bioartificial Kidney Market Concentration Rate
  - 2.5.2 Bioartificial Kidney Market Share of Top 3 and Top 5 Manufacturers
  - 2.5.3 Mergers & Acquisitions, Expansion



#### 3 GLOBAL BIOARTIFICIAL KIDNEY PRODUCTION, REVENUE (VALUE) BY REGION (2011-2016)

3.1 Global Bioartificial Kidney Production and Market Share by Region (2011-2016) 3.2 Global Bioartificial Kidney Revenue (Value) and Market Share by Region (2011 - 2016)3.3 Global Bioartificial Kidney Production, Revenue, Price and Gross Margin (2011-2016)3.4 North America Bioartificial Kidney Production, Revenue, Price and Gross Margin (2011 - 2016)3.5 Europe Bioartificial Kidney Production, Revenue, Price and Gross Margin (2011 - 2016)3.6 China Bioartificial Kidney Production, Revenue, Price and Gross Margin (2011-2016)3.7 Japan Bioartificial Kidney Production, Revenue, Price and Gross Margin (2011-2016)3.8 Southeast Asia Bioartificial Kidney Production, Revenue, Price and Gross Margin (2011-2016)3.9 India Bioartificial Kidney Production, Revenue, Price and Gross Margin (2011-2016)

#### 4 GLOBAL BIOARTIFICIAL KIDNEY SUPPLY (PRODUCTION), CONSUMPTION, EXPORT, IMPORT BY REGIONS (2011-2016)

4.1 Global Bioartificial Kidney Consumption by Regions (2011-2016)

4.2 North America Bioartificial Kidney Production, Consumption, Export, Import by Regions (2011-2016)

4.3 Europe Bioartificial Kidney Production, Consumption, Export, Import by Regions (2011-2016)

4.4 China Bioartificial Kidney Production, Consumption, Export, Import by Regions (2011-2016)

4.5 Japan Bioartificial Kidney Production, Consumption, Export, Import by Regions (2011-2016)

4.6 Southeast Asia Bioartificial Kidney Production, Consumption, Export, Import by Regions (2011-2016)

4.7 India Bioartificial Kidney Production, Consumption, Export, Import by Regions (2011-2016)

#### 5 GLOBAL BIOARTIFICIAL KIDNEY PRODUCTION, REVENUE (VALUE), PRICE TREND BY TYPE



- 5.1 Global Bioartificial Kidney Production and Market Share by Type (2011-2016)
- 5.2 Global Bioartificial Kidney Revenue and Market Share by Type (2011-2016)
- 5.3 Global Bioartificial Kidney Price by Type (2011-2016)
- 5.4 Global Bioartificial Kidney Production Growth by Type (2011-2016)

#### 6 GLOBAL BIOARTIFICIAL KIDNEY MARKET ANALYSIS BY APPLICATION

6.1 Global Bioartificial Kidney Consumption and Market Share by Application (2011-2016)

- 6.2 Global Bioartificial Kidney Consumption Growth Rate by Application (2011-2016)
- 6.3 Market Drivers and Opportunities
  - 6.3.1 Potential Applications
  - 6.3.2 Emerging Markets/Countries

#### 7 GLOBAL BIOARTIFICIAL KIDNEY MANUFACTURERS PROFILES/ANALYSIS

- 7.1 Baxter International, Inc. (USA)
  - 7.1.1 Company Basic Information, Manufacturing Base and Its Competitors
  - 7.1.2 Bioartificial Kidney Product Type, Application and Specification
  - 7.1.2.1 Type I
  - 7.1.2.2 Type II

7.1.3 Baxter International, Inc. (USA) Bioartificial Kidney Production, Revenue, Price and Gross Margin (2015 and 2016)

- 7.1.4 Main Business/Business Overview
- 7.2 Abbott Diabetes Care, Inc. (USA)
  - 7.2.1 Company Basic Information, Manufacturing Base and Its Competitors
  - 7.2.2 Bioartificial Kidney Product Type, Application and Specification
  - 7.2.2.1 Type I
  - 7.2.2.2 Type II

7.2.3 Abbott Diabetes Care, Inc. (USA) Bioartificial Kidney Production, Revenue, Price and Gross Margin (2015 and 2016)

- 7.2.4 Main Business/Business Overview
- 7.3 Vital Therapies, Inc. (USA)
  - 7.3.1 Company Basic Information, Manufacturing Base and Its Competitors
  - 7.3.2 Bioartificial Kidney Product Type, Application and Specification
  - 7.3.2.1 Type I
  - 7.3.2.2 Type II
- 7.3.3 Vital Therapies, Inc. (USA) Bioartificial Kidney Production, Revenue, Price and



Gross Margin (2015 and 2016)

7.3.4 Main Business/Business Overview

7.4 Xenios AG (Germany)

7.4.1 Company Basic Information, Manufacturing Base and Its Competitors

7.4.2 Bioartificial Kidney Product Type, Application and Specification

7.4.2.1 Type I

7.4.2.2 Type II

7.4.3 Xenios AG (Germany) Bioartificial Kidney Production, Revenue, Price and Gross Margin (2015 and 2016)

7.4.4 Main Business/Business Overview

7.5 Asahi Kasei Medical Co., Ltd. (Japan)

7.5.1 Company Basic Information, Manufacturing Base and Its Competitors

7.5.2 Bioartificial Kidney Product Type, Application and Specification

7.5.2.1 Type I

7.5.2.2 Type II

7.5.3 Asahi Kasei Medical Co., Ltd. (Japan) Bioartificial Kidney Production, Revenue, Price and Gross Margin (2015 and 2016)

7.5.4 Main Business/Business Overview

7.6 Medtronic, Inc. (USA)

7.6.1 Company Basic Information, Manufacturing Base and Its Competitors

7.6.2 Bioartificial Kidney Product Type, Application and Specification

7.6.2.1 Type I

7.6.2.2 Type II

7.6.3 Medtronic, Inc. (USA) Bioartificial Kidney Production, Revenue, Price and Gross Margin (2015 and 2016)

7.6.4 Main Business/Business Overview

7.7 HeartWare International, Inc. (USA)

7.7.1 Company Basic Information, Manufacturing Base and Its Competitors

7.7.2 Bioartificial Kidney Product Type, Application and Specification

7.7.2.1 Type I

7.7.2.2 Type II

7.7.3 HeartWare International, Inc. (USA) Bioartificial Kidney Production, Revenue, Price and Gross Margin (2015 and 2016)

7.7.4 Main Business/Business Overview

7.8 Fresenius Medical Care AG & Co. KGaA (Germany)

7.8.1 Company Basic Information, Manufacturing Base and Its Competitors

7.8.2 Bioartificial Kidney Product Type, Application and Specification

7.8.2.1 Type I

7.8.2.2 Type II



7.8.3 Fresenius Medical Care AG & Co. KGaA (Germany) Bioartificial Kidney Production, Revenue, Price and Gross Margin (2015 and 2016)

7.8.4 Main Business/Business Overview

7.9 Jarvik Heart, Inc. (USA)

7.9.1 Company Basic Information, Manufacturing Base and Its Competitors

7.9.2 Bioartificial Kidney Product Type, Application and Specification

- 7.9.2.1 Type I
- 7.9.2.2 Type II

7.9.3 Jarvik Heart, Inc. (USA) Bioartificial Kidney Production, Revenue, Price and Gross Margin (2015 and 2016)

7.9.4 Main Business/Business Overview

7.10 Toray Medical Co., Ltd. (Japan)

7.10.1 Company Basic Information, Manufacturing Base and Its Competitors

7.10.2 Bioartificial Kidney Product Type, Application and Specification

- 7.10.2.1 Type I
- 7.10.2.2 Type II

7.10.3 Toray Medical Co., Ltd. (Japan) Bioartificial Kidney Production, Revenue, Price and Gross Margin (2015 and 2016)

7.10.4 Main Business/Business Overview

- 7.11 Nikkiso Co., Ltd. (Japan)
- 7.12 Nipro Corporation (Japan)
- 7.13 SynCardia Systems, Inc. (USA)
- 7.14 Terumo Heart, Inc. (USA)
- 7.15 Thoratec Corp. (USA)

#### 8 BIOARTIFICIAL KIDNEY MANUFACTURING COST ANALYSIS

- 8.1 Bioartificial Kidney Key Raw Materials Analysis
  - 8.1.1 Key Raw Materials
  - 8.1.2 Price Trend of Key Raw Materials
  - 8.1.3 Key Suppliers of Raw Materials
  - 8.1.4 Market Concentration Rate of Raw Materials
- 8.2 Proportion of Manufacturing Cost Structure
  - 8.2.1 Raw Materials
  - 8.2.2 Labor Cost
  - 8.2.3 Manufacturing Expenses
- 8.3 Manufacturing Process Analysis of Bioartificial Kidney

#### 9 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS



- 9.1 Bioartificial Kidney Industrial Chain Analysis
- 9.2 Upstream Raw Materials Sourcing
- 9.3 Raw Materials Sources of Bioartificial Kidney Major Manufacturers in 2015
- 9.4 Downstream Buyers

#### **10 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS**

- 10.1 Marketing Channel
- 10.1.1 Direct Marketing 10.1.2 Indirect Marketing
- 10.1.3 Marketing Channel Development Trend
- 10.2 Market Positioning
- 10.2.1 Pricing Strategy
- 10.2.2 Brand Strategy
- 10.2.3 Target Client
- 10.3 Distributors/Traders List

#### 11 MARKET EFFECT FACTORS ANALYSIS

- 11.1 Technology Progress/Risk
  - 11.1.1 Substitutes Threat
- 11.1.2 Technology Progress in Related Industry
- 11.2 Consumer Needs/Customer Preference Change
- 11.3 Economic/Political Environmental Change

#### 12 GLOBAL BIOARTIFICIAL KIDNEY MARKET FORECAST (2016-2021)

12.1 Global Bioartificial Kidney Production, Revenue Forecast (2016-2021)

12.2 Global Bioartificial Kidney Production, Consumption Forecast by Regions (2016-2021)

- 12.3 Global Bioartificial Kidney Production Forecast by Type (2016-2021)
- 12.4 Global Bioartificial Kidney Consumption Forecast by Application (2016-2021)
- 12.5 Bioartificial Kidney Price Forecast (2016-2021)

#### 13 RESEARCH FINDINGS AND CONCLUSION

#### **14 APPENDIX**



Author List Disclosure Section Research Methodology Data Source China Disclaimer



# **List Of Tables**

#### LIST OF TABLES AND FIGURES

Figure Picture of Bioartificial Kidney Figure Global Production Market Share of Bioartificial Kidney by Type in 2015 Figure Product Picture of Type I Table Major Manufacturers of Type I Figure Product Picture of Type II Table Major Manufacturers of Type II Figure Product Picture of Type III Table Major Manufacturers of Type III Table Bioartificial Kidney Consumption Market Share by Application in 2015 Figure Application 1 Examples Figure Application 2 Examples Figure Application 3 Examples Figure North America Bioartificial Kidney Revenue (Million USD) and Growth Rate (2011 - 2021)Figure Europe Bioartificial Kidney Revenue (Million USD) and Growth Rate (2011-2021) Figure China Bioartificial Kidney Revenue (Million USD) and Growth Rate (2011-2021) Figure Japan Bioartificial Kidney Revenue (Million USD) and Growth Rate (2011-2021) Figure Southeast Asia Bioartificial Kidney Revenue (Million USD) and Growth Rate (2011 - 2021)Figure India Bioartificial Kidney Revenue (Million USD) and Growth Rate (2011-2021) Figure Global Bioartificial Kidney Revenue (Million UDS) and Growth Rate (2011-2021) Table Global Bioartificial Kidney Production of Key Manufacturers (2015 and 2016) Table Global Bioartificial Kidney Production Share by Manufacturers (2015 and 2016) Figure 2015 Bioartificial Kidney Production Share by Manufacturers Figure 2016 Bioartificial Kidney Production Share by Manufacturers Table Global Bioartificial Kidney Revenue (Million USD) by Manufacturers (2015 and 2016) Table Global Bioartificial Kidney Revenue Share by Manufacturers (2015 and 2016) Table 2015 Global Bioartificial Kidney Revenue Share by Manufacturers Table 2016 Global Bioartificial Kidney Revenue Share by Manufacturers Table Global Market Bioartificial Kidney Average Price of Key Manufacturers (2015 and

2016)

Figure Global Market Bioartificial Kidney Average Price of Key Manufacturers in 2015 Table Manufacturers Bioartificial Kidney Manufacturing Base Distribution and Sales Area



Table Manufacturers Bioartificial Kidney Product Type Figure Bioartificial Kidney Market Share of Top 3 Manufacturers Figure Bioartificial Kidney Market Share of Top 5 Manufacturers Table Global Bioartificial Kidney Production by Regions (2011-2016) Figure Global Bioartificial Kidney Production and Market Share by Regions (2011-2016) Figure Global Bioartificial Kidney Production Market Share by Regions (2011-2016) Figure 2015 Global Bioartificial Kidney Production Market Share by Regions Table Global Bioartificial Kidney Revenue by Regions (2011-2016) Table Global Bioartificial Kidney Revenue Market Share by Regions (2011-2016) Table 2015 Global Bioartificial Kidney Revenue Market Share by Regions Table Global Bioartificial Kidney Production, Revenue, Price and Gross Margin (2011 - 2016)Table North America Bioartificial Kidney Production, Revenue, Price and Gross Margin (2011 - 2016)Table Europe Bioartificial Kidney Production, Revenue, Price and Gross Margin (2011-2016)Table China Bioartificial Kidney Production, Revenue, Price and Gross Margin (2011-2016)Table Japan Bioartificial Kidney Production, Revenue, Price and Gross Margin (2011 - 2016)Table Southeast Asia Bioartificial Kidney Production, Revenue, Price and Gross Margin (2011-2016)Table India Bioartificial Kidney Production, Revenue, Price and Gross Margin (2011 - 2016)Table Global Bioartificial Kidney Consumption Market by Regions (2011-2016) Table Global Bioartificial Kidney Consumption Market Share by Regions (2011-2016) Figure Global Bioartificial Kidney Consumption Market Share by Regions (2011-2016) Figure 2015 Global Bioartificial Kidney Consumption Market Share by Regions Table North America Bioartificial Kidney Production, Consumption, Import & Export (2011 - 2016)Table Europe Bioartificial Kidney Production, Consumption, Import & Export (2011 - 2016)Table China Bioartificial Kidney Production, Consumption, Import & Export (2011-2016) Table Japan Bioartificial Kidney Production, Consumption, Import & Export (2011-2016) Table Southeast Asia Bioartificial Kidney Production, Consumption, Import & Export (2011 - 2016)Table India Bioartificial Kidney Production, Consumption, Import & Export (2011-2016) Table Global Bioartificial Kidney Production by Type (2011-2016)

Table Global Bioartificial Kidney Production Share by Type (2011-2016)



Figure Production Market Share of Bioartificial Kidney by Type (2011-2016) Figure 2015 Production Market Share of Bioartificial Kidney by Type Table Global Bioartificial Kidney Revenue by Type (2011-2016) Table Global Bioartificial Kidney Revenue Share by Type (2011-2016) Figure Production Revenue Share of Bioartificial Kidney by Type (2011-2016) Figure 2015 Revenue Market Share of Bioartificial Kidney by Type Table Global Bioartificial Kidney Price by Type (2011-2016) Figure Global Bioartificial Kidney Production Growth by Type (2011-2016) Table Global Bioartificial Kidney Consumption by Application (2011-2016) Table Global Bioartificial Kidney Consumption Market Share by Application (2011-2016) Figure Global Bioartificial Kidney Consumption Market Share by Application in 2015 Table Global Bioartificial Kidney Consumption Growth Rate by Application (2011-2016) Figure Global Bioartificial Kidney Consumption Growth Rate by Application (2011-2016) Table Baxter International, Inc. (USA) Basic Information, Manufacturing Base, Sales Area and Its Competitors Table Baxter International, Inc. (USA) Bioartificial Kidney Production, Revenue, Price

and Gross Margin (2011-2016) Figure Baxter International, Inc. (USA) Bioartificial Kidney Market Share (2011-2016) Table Abbott Diabetes Care, Inc. (USA) Basic Information, Manufacturing Base, Sales

Area and Its Competitors

Table Abbott Diabetes Care, Inc. (USA) Bioartificial Kidney Production, Revenue, Price and Gross Margin (2011-2016)

Figure Abbott Diabetes Care, Inc. (USA) Bioartificial Kidney Market Share (2011-2016) Table Vital Therapies, Inc. (USA) Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Vital Therapies, Inc. (USA) Bioartificial Kidney Production, Revenue, Price and Gross Margin (2011-2016)

Figure Vital Therapies, Inc. (USA) Bioartificial Kidney Market Share (2011-2016) Table Xenios AG (Germany) Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Xenios AG (Germany) Bioartificial Kidney Production, Revenue, Price and Gross Margin (2011-2016)

Figure Xenios AG (Germany) Bioartificial Kidney Market Share (2011-2016)

Table Asahi Kasei Medical Co., Ltd. (Japan) Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Asahi Kasei Medical Co., Ltd. (Japan) Bioartificial Kidney Production, Revenue, Price and Gross Margin (2011-2016)

Figure Asahi Kasei Medical Co., Ltd. (Japan) Bioartificial Kidney Market Share (2011-2016)



Table Medtronic, Inc. (USA) Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Medtronic, Inc. (USA) Bioartificial Kidney Production, Revenue, Price and Gross Margin (2011-2016)

Figure Medtronic, Inc. (USA) Bioartificial Kidney Market Share (2011-2016)

Table HeartWare International, Inc. (USA) Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table HeartWare International, Inc. (USA) Bioartificial Kidney Production, Revenue, Price and Gross Margin (2011-2016)

Figure HeartWare International, Inc. (USA) Bioartificial Kidney Market Share (2011-2016)

Table Fresenius Medical Care AG & Co. KGaA (Germany) Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Fresenius Medical Care AG & Co. KGaA (Germany) Bioartificial KidneyProduction, Revenue, Price and Gross Margin (2011-2016)

Figure Fresenius Medical Care AG & Co. KGaA (Germany) Bioartificial Kidney Market Share (2011-2016)

Table Jarvik Heart, Inc. (USA) Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Jarvik Heart, Inc. (USA) Bioartificial Kidney Production, Revenue, Price and Gross Margin (2011-2016)

Figure Jarvik Heart, Inc. (USA) Bioartificial Kidney Market Share (2011-2016)

Table Toray Medical Co., Ltd. (Japan) Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Toray Medical Co., Ltd. (Japan) Bioartificial Kidney Production, Revenue, Price and Gross Margin (2011-2016)

Figure Toray Medical Co., Ltd. (Japan) Bioartificial Kidney Market Share (2011-2016)

 Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Bioartificial Kidney

Figure Manufacturing Process Analysis of Bioartificial Kidney

Figure Bioartificial Kidney Industrial Chain Analysis

Table Raw Materials Sources of Bioartificial Kidney Major Manufacturers in 2015

Table Major Buyers of Bioartificial Kidney

Table Distributors/Traders List

Figure Global Bioartificial Kidney Production and Growth Rate Forecast (2016-2021)

Figure Global Bioartificial Kidney Revenue and Growth Rate Forecast (2016-2021)

 Table Global Bioartificial Kidney Production Forecast by Regions (2016-2021)



Table Global Bioartificial Kidney Consumption Forecast by Regions (2016-2021) Table Global Bioartificial Kidney Production Forecast by Type (2016-2021) Table Global Bioartificial Kidney Consumption Forecast by Application (2016-2021)



#### I would like to order

Product name: Global Bioartificial Kidney Market Research Report 2016 Product link: <u>https://marketpublishers.com/r/GDB27827A8FEN.html</u>

Price: US\$ 2,900.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

#### Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/GDB27827A8FEN.html</u>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

\*\*All fields are required

Custumer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970