Global Nutrition Detection Market expected to increase by $1.1 Billion USD by 2023

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HYDERABAD, TELANGANA, INDIA, September 14, 2018 /EINPresswire.com/ -- Global Nutrition Detection Market expected to increase by $1.1 Billion USD by 2023, due to chronic illness and geriatric population.

Nutrition Detection is investigation of physical, clinical, biochemical and dietary examination of data to detect the quantity of different nutrients. It helps in determining whether a person is properly nourished or malnourished. Nutrition detection is very important to understand the causes, of different symptoms and helps in designing the process of treatment.

According to WHO survey, almost every country is facing nutrition related problem be it over nutrition or under nutrition. In 2017 it was found that 1.9 billion adults are either overweight or obese while 462 million are underweight. In children below 5 years it was found that 52 million are wasted that is low weight as per height, 155 million are stunted that is low height as per age and 41 million are overweight.

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In order to address all forms of malnourished section, WHO collaborated with Food and Agriculture Organizations. The goal of this collaboration is to create sustainable, resilient food systems for healthy diets and create awareness among people. To make nutrition assessment easy, at low cost and accessible to all, top healthcare companies are coming up with different innovative techniques. Thermo Fisher Scientific, Danaher, Shimadzu, Roche and Agilent Technologies are top players of nutrition detection market.

Thermo Fisher Scientific is the world leader in healthcare technology and solutions while US based Danaher holds the second position according to 2017 financial report. Both offer wide range of equipment and chemical solutions for anthropometric, clinical and biochemical assay and present in more than 50 countries. In 2017, Thermo Fisher Scientific's annual revenue was $17 billion Whereas Danaher's annual revenue is $18 billion. In July 2018, Thermo Fisher launched Cascadian, first all in one clinical analyzer with LC-MS (Liquid chromatography-Mass spectrometry) in Europe. It is an automated analyzer designed for non-expert, and provides results for range of frequently performed tests.

A Japan based company Shimadzu is another key player of healthcare market. In July 2018, it has developed new technology to measure trace quantities of metals such as copper, aluminum, titanium and so on, contained in semiconductor washed solution. The principle behind this technology is laser-induced breakdown spectroscopy that boasts the level of sensitivity. The company is expecting that it will improve the yield rate and lower the manufacturing cost.

The US based healthcare service provider Agilent Technologies is giving tough competition to Switzerland based company Roche. Roche is popular for development drug for cancer treatment while Agilent is famous for mass spectrometry. Roche is expecting to launch Cobas m 511,

world's first fully digital morphology analyzer and cell counter for specialty testing by the end of 2018 while Agilent technology introduced 7250 GC/Q-TOF (gas chromatography/quadrupole time of flight mass chromatography) System , it combines GC and Q-TOF with a low energy electron ionization source in May 2018. Agilent technology won best mass spectrometry and best new product award in 2018.

The biggest driving force of this market is increasing awareness about health. Nutrition detection is very important for diagnosis of various diseases. Infants, pregnant women, elderly people and people suffering from chronic disease are more vulnerable to infections. So it is very important for them to keep assessing their nutrient content as a routine. Nutrition detection helps in designing the diet plan of an individual. It helps in medical treatment of an individual. For example John Hopkins researcher collected data for 10 years and found that lower level of vitamin D can cause the early symptoms of interstitial lung disease. This study helps in determining the risk among patients.

According to the Global Nutrition Report 2017, out of 140 countries 88% countries are suffering from certain type of malnutrition. However government organizations are investing huge in improving instruments for diagnosis and quality of medicine.
Recently Metropolis announced its expansion plan to open 130 diagnostic centers and 1000 collection centers globally. With the advancement of technology and funding from investors nutrition detection market is expecting to grow heavily.

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Nutrition Detection market report is segmented as indicated below:

1. Nutrition Detection Market – Types of nutrients
1.1. Macronutrients
1.1.1. Fat
1.1.2. Others
1.2. Micronutrients
1.2.1. Vitamins
1.2.1.1. Vitamin A
1.2.1.2. Vitamin B12
1.2.1.3. Vitamin D
1.2.1.4. Vitamin E
1.2.1.5. Others
1.2.2. Minerals
1.2.2.1. Calcium
1.2.2.2. Iodine
1.2.2.3. Iron
1.2.2.4. Zinc
1.2.2.5. Others

2. Nutrition Detection Market - By Process
2.1. MST
2.2. MNA-SF
2.3. MUST
2.4. NRS-2002
2.5. SGA
2.6. PG-SGA
2.7. MNA

3. Nutrition Detection Market - By End User
3.1. Pregnant women
3.2. Infants
3.3. People with HIV, Cancer or Chronic Disease
3.4. Elderly People
3.5. Malnutrition
3.5.1. Under nutrition
3.5.2. Over nutrition
3.5.3. Double burden of nutrition
3.6. Others

4. Nutrition Detection Market – By Techniques
4.1. Anthropometric measurements
4.1.1. Weight
4.1.1.1. Birth weight
4.1.1.2. Weight by age
4.1.2. Height
4.1.2.1. Height for age
4.1.2.2. BMI
4.1.3. Mid upper arm circumference
4.1.4. Waist circumference
4.2. Biochemical
4.2.1. Type of sample
4.2.1.1. Blood
4.2.1.2. Urine
4.2.1.3. Stool
4.2.1.4. Others
4.2.2. Test Method
4.2.2.1. HPLC
4.2.2.2. ELISA
4.2.2.3. Mass Spectrometry
4.2.2.4. Chromatography
4.2.2.5. AAS
4.2.2.6. Chemical Method
4.2.2.7. Microbiological Assay
4.2.2.8. Others
4.3. Clinical
4.3.1. Edema
4.3.2. Emaciation
4.3.3. Others
4.4.   Others

5. Nutrition Detection Market – By Market entropy
6. Nutrition Detection Market – By Geography

Companies Cited/Interviewed/Referenced
Roche
Danaher
Abbott
Siemens
Thermo fisher scientific
Sysmex
Becton Dickinson
Biomerieux
Alere
Ortho clinical Diagnostics

Company 15+

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Q. Does IndustryARC publish country, or application based reports in Nutrition Detection Market?
Response: Yes, we do have separate reports and database as mentioned below:

1. North America Nutrition Detection Market (2018-2023)
2. South America Nutrition Detection Market (2018-2023)
3. Europe Nutrition Detection Market (2018-2023)
4. Asia Pacific Nutrition Detection Market (2018-2023)
5. Middle East and Africa Nutrition Detection Market (2018-2023)
6. Nutrition Detection Market By Type (2018-2023)
7. Nutrition Detection Market By Process (2018-2023)
8. Nutrition Detection Market By Technique (2018-2023)
9. Nutrition Detection Market By End-User (2018-2023)

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