****New release October 2012***

MarketVIEW: Hepatitis A vaccines (travel) (CAT: VAMV029B)

| Product Name | : | MarketVIEW: Hepatitis A vaccines (Travel) |
|------------------|---|--|
| Description | : | Global vaccine commercial opportunity assessment |
| Contents | : | Executive presentation + 1 forecast model |
| Therapeutic Area | : | Pediatric/adults vaccines |
| Publication date | : | October 2012 |
| Catalogue No | : | VAMV029B |

Background

Hepatitis A (HAV) produces a self-limiting liver disease which can produce a range of symptoms such as nausea, anorexia, fever, malaise or abdominal pain. Unlike Hepatitis B and C viruses it does not cause a long term chronic infection although it can manifest itself as prolonged or relapsing disease for up to six months. The HAV virus is transmitted by person-to-person transmission through the fecal-oral route sometimes in outbreaks to due ingestion of contaminated food. Many countries in Africa, LATAM and SE Asia have high or intermediate endemnicity for HAV.

The Hepatitis A vaccine is highly effective at preventing HAV infection and is now recommended for all children at age 1 year in the United States and other selected countries which have added the vaccine as part of a national immunization program (NIP). The HAV vaccine is also widely used in the travelling population to high or intermediate endemic countries.

This **MarketVIEW** product is a comprehensive commercial opportunity assessment which forecasts the potential (value/volume) of monovalent HAV vaccines in the <u>travelling population</u> from EU, North Amercia and selected ROWD countries of origin. The model uses a "build up" methodology based upon number of trips to HAV endemic countries forecasted to 2030. It is designed to compliment other **VacZine Analytics** analyses focused on HAV vaccines.

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Methodology

VacZine Analytics has closely monitored all significant source material pertaining to hepatitis A virus epidemiology/vaccines. Example, secondary source materials used are literature articles, government websites/databases, medical bodies and associations, conference proceedings and previously analyses (where publically available). Previously published research by VacZine Analytics in field of pediatric vaccines has also been utilised. ***See Bibliography for exact sources.

PRODUCT CONTENTS:

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****This product is composed a forecast model and an Executive presentation

Contents - Executive presentation (MS PowerPoint based)

Authors Note Executive summary Commercial model: key outputs Travelers: countries of origin selected for HAV model Countries considered HAV infection risk to travelers Trips to HAV endemic regions (2011) Forecast number of Trips to HAV endemic regions to 2030 Monovalent HAV vaccines*: est travel volumes per region Monovalent HAV vaccines*: est travel volumes per EU countries Monovalent HAV vaccines*: est travel revenues per region Monovalent HAV vaccines*: est travel revenues per EU country Commercial model: Travelers - detailed assumptions HAV travelers segment: overview of modeling strategy Model assumptions: - North American markets Model assumptions: - European markets Model assumptions: - ROWD markets HAV travelers segment: pricing assumptions Major model caveats and limitations Back-up/source material HAV vaccines: schedule considerations for travelers segment Example penetration rates of travel vaccines Benchmarking HAV travel market estimation Hepatitis vaccines: company reported sales Bibliography Disclaimer About VacZine Analytics

PAGES: 30 MS PowerPoint slides, fully referenced/sourced. Available in .pdf form

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Contents - Vaccine demand model(s) (MS Excel-based)

Title sheet Chart – value Chart – volume Grand val/vol summary EU value summary North America value summary ROWD value summary Monoval - prices (ex fact) EU volume summary North America volume summary ROWD volume summary Country worksheets =>> EU markets => **UK travelers** France travelers Germany travelers Italy travelers Spain travelers Denmark travelers Finland travelers Norway travelers Sweden travelers UK travelers North America markets US travelers => Canada travelers ROWD markets => Australia travelers Brazil travelers South Korea travelers Souce material => Trips to HAV endemic countries HAV endemic countries **Trips CHARTS** VA travel data Travel planning and duration Travel market sizes Travel vaccine penetration rates US prices Hepatitis vaccine sales Back page

WORKSHEETS = 40

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About VacZine Analytics:

VacZine Analytics is an established strategic research agency based in the United Kingdom. Its aim is to provide disease and commercial analysis for the vaccine industry and help build the case for developing new vaccines and biologics.

For more information please visit our website www.vacZine-analytics.com

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