

# Lumipulse® G SERIES

## Lumipulse G test menu CE



### TUMOR MARKERS

CA15-3, CA19-9, CA125  
CEA  
PSA, fPSA  
AFP  
 $\beta$ 2M (serum/urine)  
CYFRA  
PIVKA-II  
HE-4  
ProGRP  
Pepsinogen I, Pepsinogen II  
Mesothelin  
SCC\*

### BONE

25-OH Vitamin D  
whole PTH (3rd generation PTH)  
Renin\*  
Aldosterone\*

### CARDIAC MARKERS

BNP, hs Troponin I, Myoglobin, CK-MB

### DIABETES

Insulin  
C-peptide  
HMW Adiponectin

### INFLAMMATION

IgE  
Procalcitonin (BRAHMS)  
IL-6\*\*

### ANEMIA

Ferritin

### INTERSTITIAL PNEUMONIA

KL-6

### FERTILITY

LH  
FSH  
Prolactin  
 $\beta$ -HCG  
Testosterone  
Estradiol  
Progesterone  
AMH\*



### THYROID

TSH  
FT3, FT4, T3, T4  
TPOAb  
TgAb

### INFECTIOUS DISEASES

Syphilis TP  
HBcrAg\*\*  
HBsAg Quant  
HBc IgM  
HBeAg  
HBeAb  
HTLV I/II

### NEURODEGENERATION

$\beta$ -Amyloid 1-42  
 $\beta$ -Amyloid 1-40\*  
Total Tau  
pTau\*

\* In development

\*\* For Research Use Only

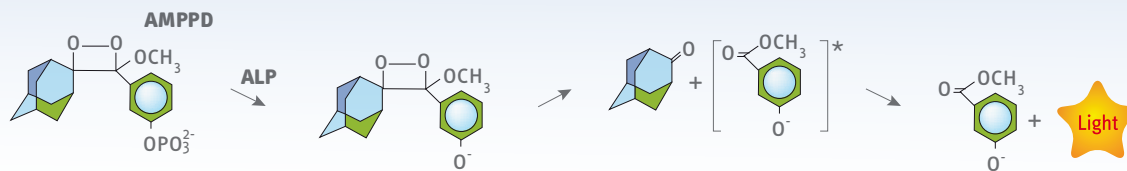
CE-marked products listed in this leaflet are not available as an IVD in the US, Canada and some other countries. Please contact your local sales representative for availability in your country.

# Lumipulse<sup>®</sup> G SERIES

## Assay Description

### ASSAY TECHNOLOGY:

#### CLEIA: Chemiluminescent enzyme immunoassay



**AMPPD:**  
3-(2'-spiroadamantane)-4-methoxy-4-(3''-phosphoryloxy)phenyl-1, 2-dioxetane disodium salt

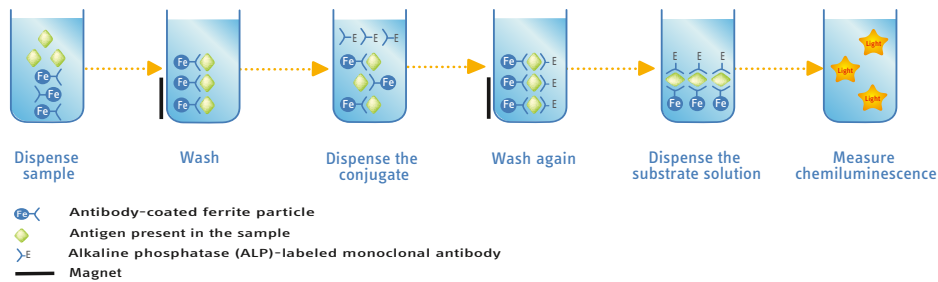
**ALP:**  
Alkaline phosphatase

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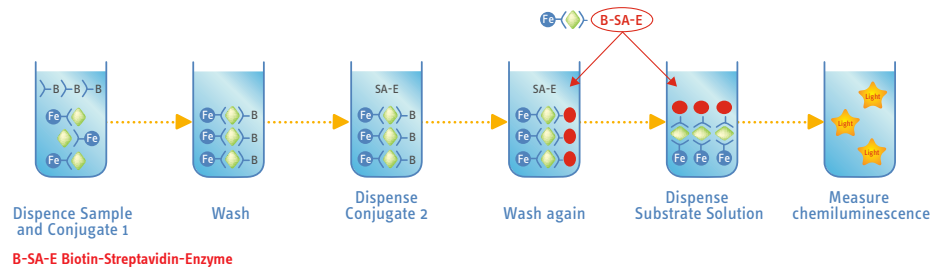
### ASSAY PRINCIPLE:

#### One-step, Two-step and Two-step assay with specific detection

##### Example of two-step assay:



##### Example of two-step assay with specific detection:



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