

2025

Lumipulse[®] G SERIES

Lumipulse G test menu CE



NEURODEGENERATION

CSF Biomarkers

β-Amyloid 1-42
β-Amyloid 1-40
pTau 217**
Total Tau
pTau 181
NfL*
sTREM2**

Blood-based Biomarkers

β-Amyloid 1-42*
β-Amyloid 1-40*
pTau 217*
pTau 181*
NfL*
ApoE4*
Pan-ApoE*
sTREM2**
GFAP*



COVID-19

SARS-CoV-2 Ag
Krebs von der Lungen (KL-6)*



CANCER MARKER

AFP*
PIVKA-II*
Mesothelin*



LIVER MARKER

AFP*
PIVKA-II*
HBcrAg*



FERTILITY

Anti-Mullerian Hormone (AMH)



BONE

25-OH Vitamin D
whole PTH (3rd generation PTH)



INFLAMMATION

HMW Adiponectin*
Procalcitonin (BRAHMS)
IL-6*



INTERSTITIAL PNEUMONIA

KL-6*



HYPERTENSION

Renin
Aldosterone

* For Research Use Only

** In development

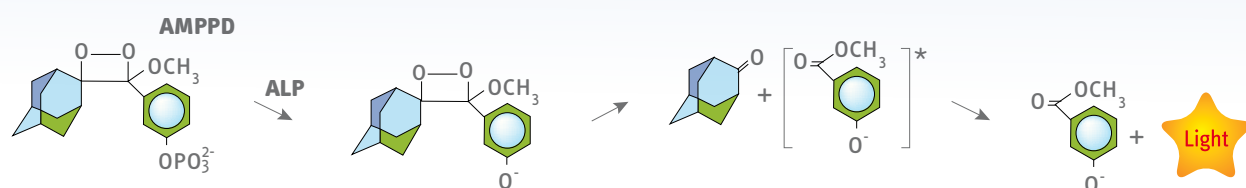
CE-marked products listed in this leaflet are not available as an IVD in the US, Canada and some other countries. Please contact your local sales representative for availability in your country.

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Assay Description

ASSAY TECHNOLOGY:

CLEIA: Chemiluminescent enzyme immunoassay



AMPPD:

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

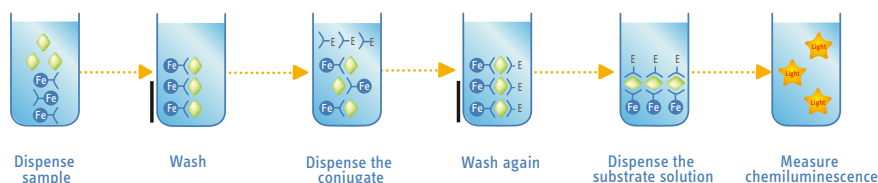
ALP:

Alkaline phosphatase

ASSAY PRINCIPLE:

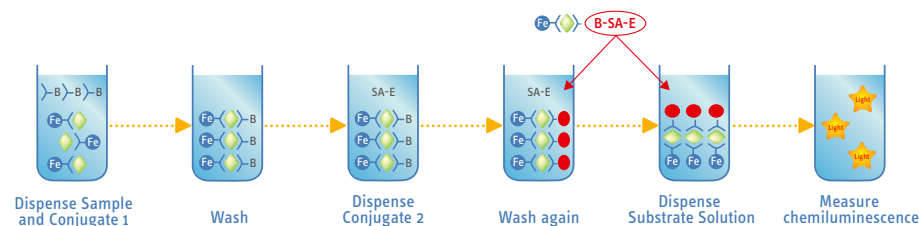
One-step, Two-step and Two-step assay with specific detection

Example of two-step assay:



- Antibody-coated ferrite particle
- Antigen present in the sample
- Alkaline phosphatase (ALP)-labeled monoclonal antibody
- Magnet

Example of two-step assay with specific detection:



B-SA-E Biotin-Streptavidin-Enzyme