

Best route for BIOMARKER patenting

Biomarker:

- Measurable indicator of a physiological or pathological state
- Correlation between the read-out of the marker and the condition X

New
correlation

Known
correlation

Patent

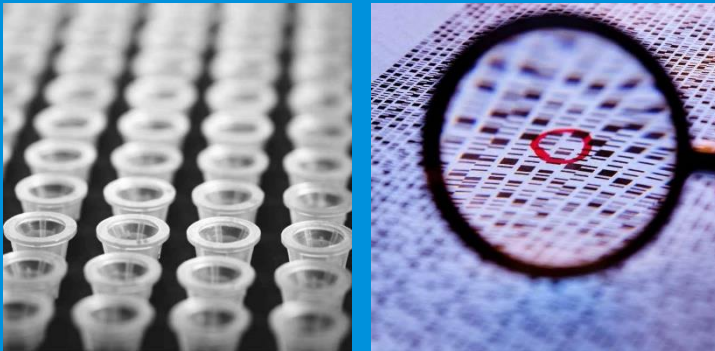
- marker or parts thereof
- ...to assess condition X

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Patent

- Specific parts of the marker
- Specific detection means
- Specific marker levels
- Specific assay
- Specific analyte (tissue/body fluid...)
- Specific patient group
- Combination with other markers ...

...to assess condition X



Identifying potential new inventions regarding BIOMARKERS

Scientific finding

A **patient group** reacts differently

Problems with assay solved by adjusting **assay / ingredients**

Statistics better when combined with **another marker**

Sensitivity / specificity increases with new antibody

A **new condition** is determinable with the assay

A **new sample type** is used

Consider patenting

The **specific level** in this group

The **new assay**

The **combination of markers**

The **antibody or epitope** for use in the assay

The **new correlation**

The **diagnosis** in this sample type