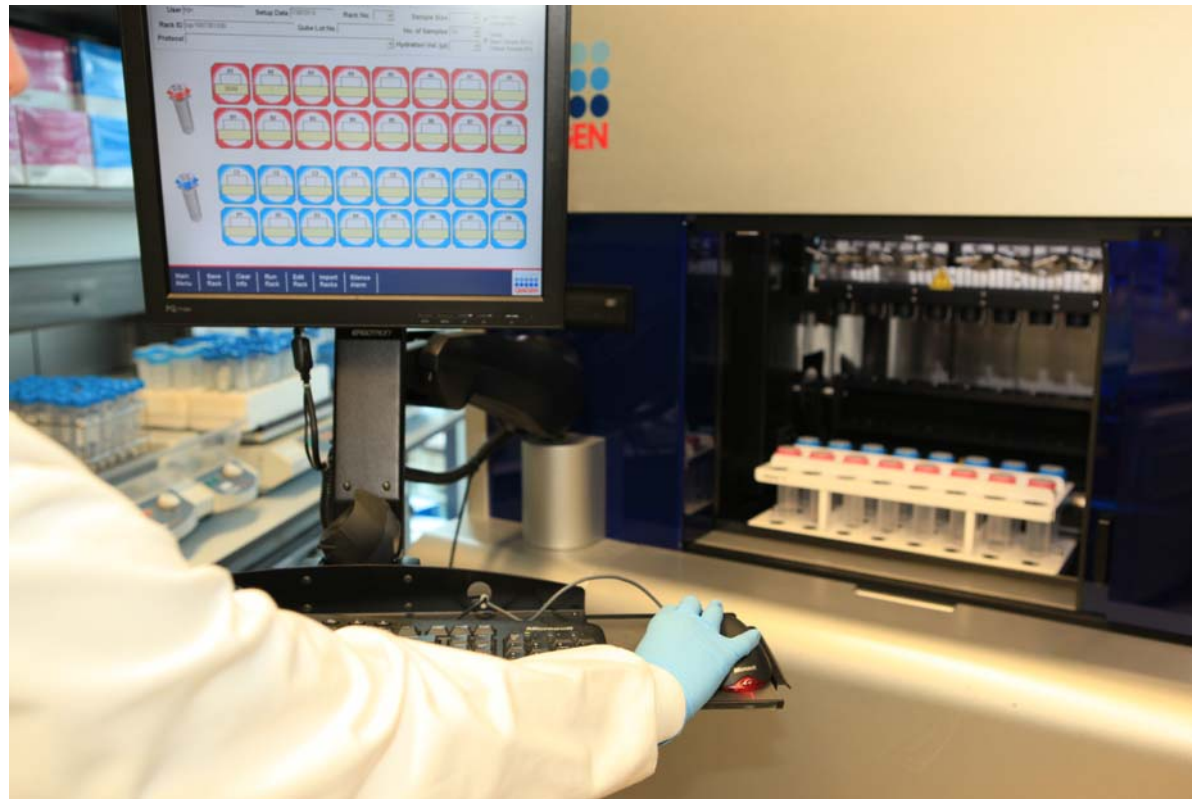


HERACLES Platforms: Nucleic acids isolation

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EGEC-IMIM Epidemiología y Genética Cardiovascular



Nucleic acid isolation platform: DNA



Standard Salting-out/Proteinase K method

Nucleic acid isolation platform: DNA

High volumes

High throughput

DNA quality

Appropriate for high throughput
genotyping platforms, sequencing,

...

Nucleic acid isolation platform: DNA

Variables related to DNA isolation quality/quantity:

- Biological sample: whole blood, buffy-coat

- Biological sample volume

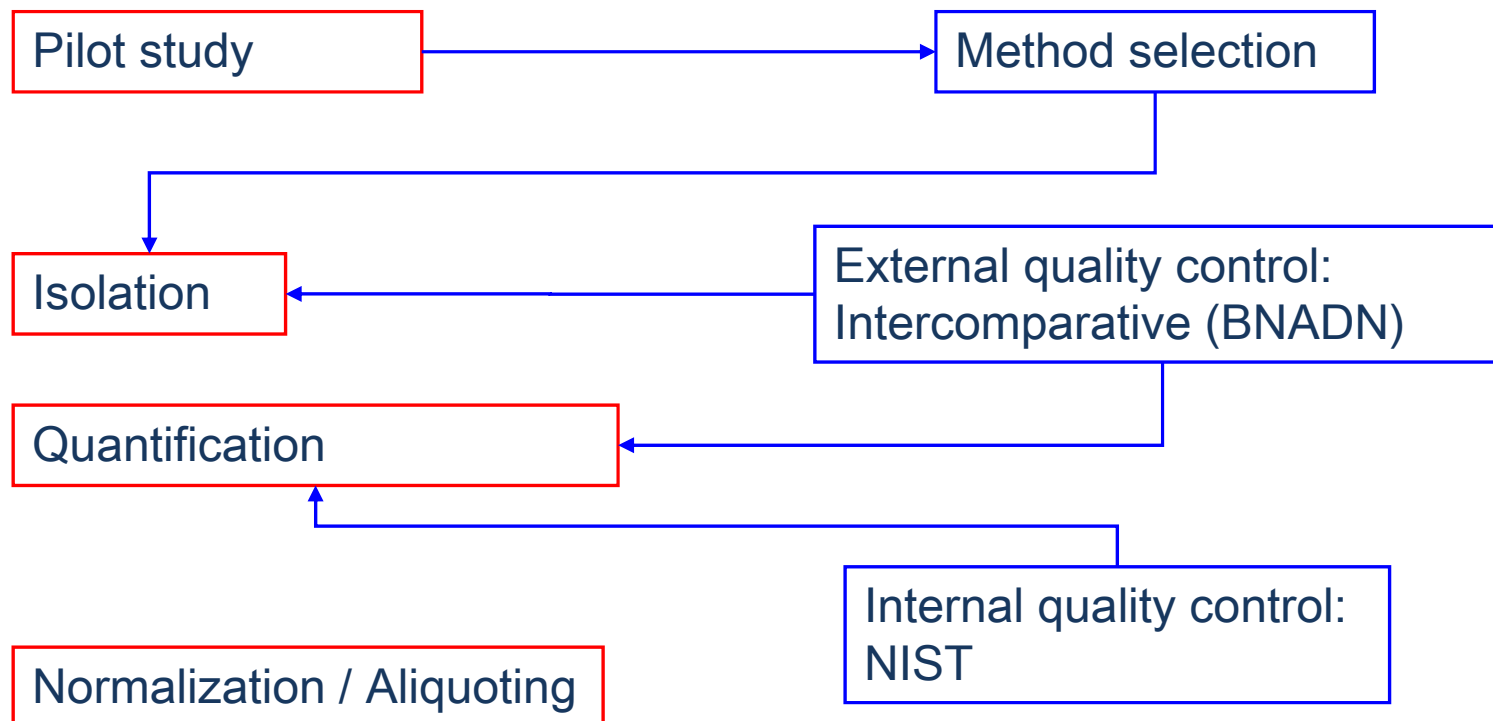
- Tiempo de conservación

- Conservation temperature

- Frozen cycles

Nucleic acid isolation platform: DNA.

Quality assurance



Nucleic acid isolation platform: DNA.

Appropriate for high throughput platforms



Nucleic acid isolation platform: RNA.



Automated method
Ionic interchange columns
Quality control assurance

microRNA from serum

ULEC-IMIM AND EGEC-IMIM (CARIN-IMIM)

