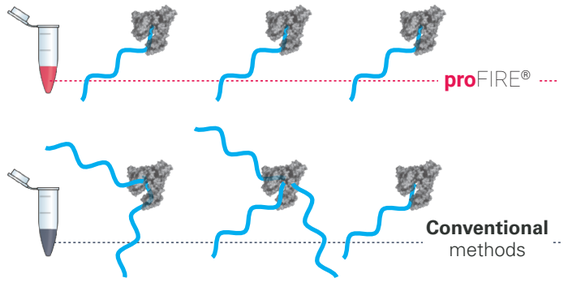
BRUKER

proFIRE®

Pure Protein-DNA Conjugates

Innovation with Integrity

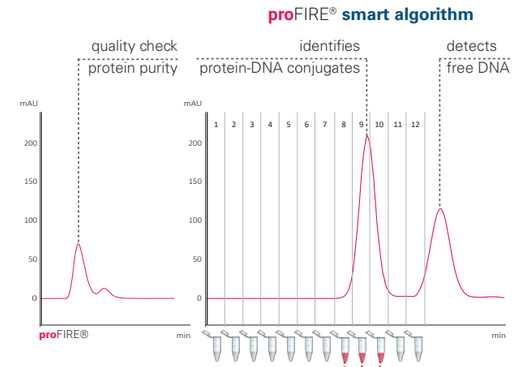
Imagine an **effortless workflow** for the preparation, purification, and analysis of protein-DNA conjugates

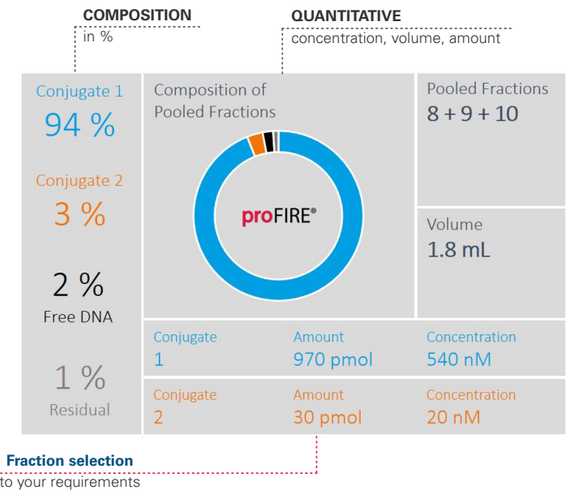


The **pro**FIRE® solution provides you with simply pure protein-DNA conjugates. The unique system delivers consistent and superior conjugate quality for your experiment.

Conventional methods yield heterogenous mixtures of often ill-defined conjugates.

Software designed for **intuitive** protein-DNA conjugate analysis

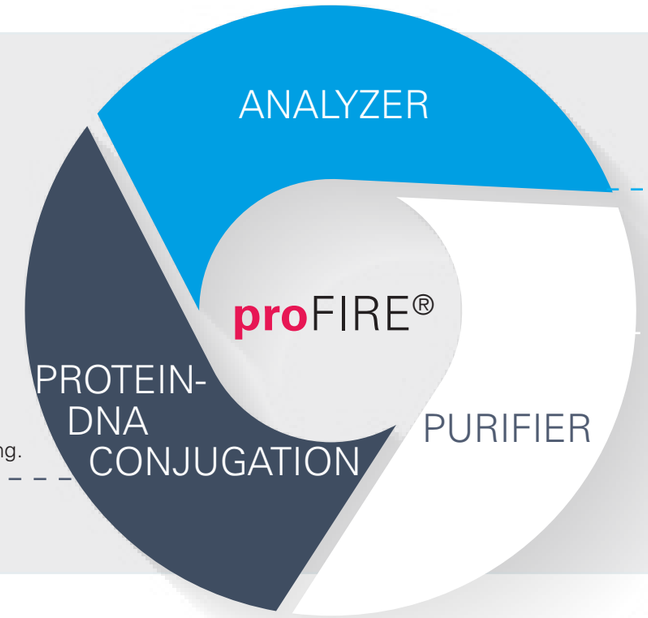




The **pro**FIRE® solution for **pure** protein-DNA conjugates

proFIRE® is a unique system for protein-DNA conjugate preparation, delivering consistent and superior conjugate quality for your experiments.

proFIRE®
coupling reagents and
ready-to-use protocols for
intuitive and simple handling.



proFIRE® software
for automatic recognition
and quantitation of conjugates.

proFIRE®
high-performance purification
and fraction collection system.

Unmatched Ease-of-Use

proFIRE® tablet-based software allows real-time monitoring of your conjugate purification.

proFIRE® optimized injection port geometry improves and facilitates sample loading.

proFIRE® portable fraction collector for easy sample handling.

Confidence in your reaction products
Straightforward scientific results

The **pro**FIRE® workflow – 2 steps to results

STEP 1 | STEP 2 | RESULT

Conjugation kits and easy-to-use protocols.

Automated sample **purification**, **fractionation** and **analysis.**

Pure protein-DNA conjugates.

Instrument Specifications

DNA length	10 – 150 nt
Protein molecular weight	5 – 500 kDa
Injection volume	50 – 150 µL
Number of fractions	12
Fraction volume	200 – 800 µL
Temperature range	10 – 30°C

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Bruker Switzerland AG

Fällanden · Switzerland
Phone +41 44 825 91 11

Bruker Scientific LLC

Billerica, MA · USA
Phone +1 (978) 663-3660

info.biosensors@bruker.com

bruker.com/proFIRE

Scan the QR-Code for more details

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