

Azure Flash Western Chemiluminescence Kit

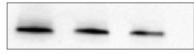





Run an entire Western Blot from gel through imaging in just 2 hours

Features

The Azure Flash Western Kit uses a proprietary set of reagents to achieve complete membrane blocking, rapid hybridization of antibodies, and enhancement of chemi signal in less than an hour of blotting time. Combine with Azure Transfer Buffer (AC2127) to cut wet transfer time down to 15- to 30-minutes for a total assay time of two hours from gel to imaging.

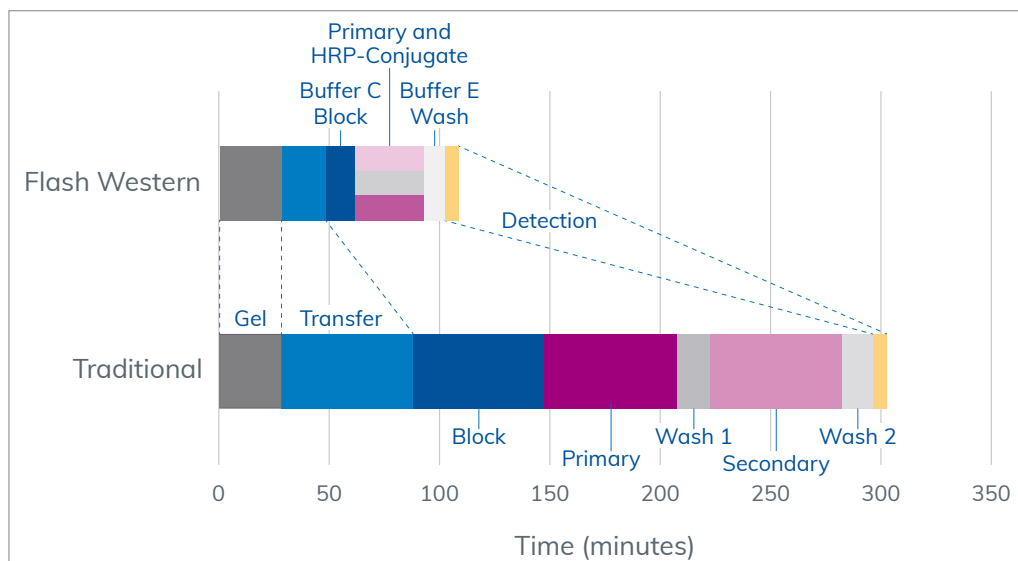
- Fast protocol with few hands-on steps
- Antibody stabilization for enhanced chemi signal
- Low background and increased signal-to-noise ratios
- Increased detection sensitivity and linear dynamic range

Rapid protocol with low background and high sensitivity

Antibody	Sample Type	Azure Flash Western (1 hr)	Traditional Western (6 hrs)
STAT-3	Untreated HeLa		
pSTAT-3	IFN α HeLa		
HSP60	Untreated HeLa		

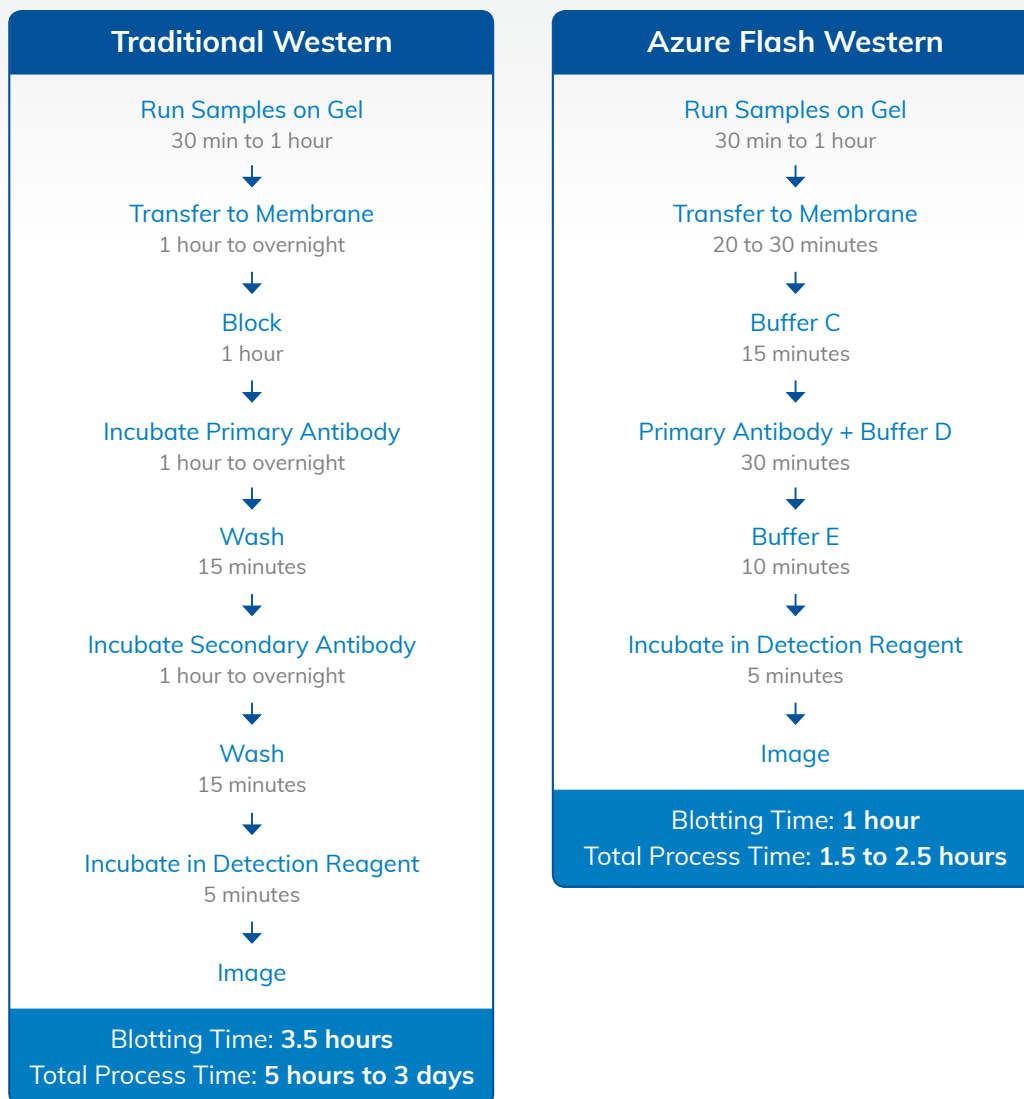
Replicate Western blots were performed using the Azure Flash Western Chemiluminescence Kit and a traditional Western blot protocol. Each blot shows a dilution series of the same sample. The Azure Flash Western Kit produced more sensitive detection than the traditional protocol with over 90% of antibodies (while STAT-3 and pSTAT-3 demonstrate the improved data quality possible with the Azure Flash Western Kit, the HSP60 antibody is an example of an antibody with similar performance).

Time savings



Note: Flash Western graph includes use of Azure Transfer Buffer in light blue.

Compared to a traditional Western blot protocol, the Azure Flash Western can take three days of work down to less than 2 hours.



Ordering information

Part Number	Name	Size
AC2220	Azure Flash Western Chemiluminescence Kit, Rabbit	1 Kit
AC2221	Azure Flash Western Chemiluminescence Kit, Mouse	1 Kit

Each Flash Western Chemiluminescence Kit contains enough materials to perform ten chemiluminescent Western blots and includes PVDF membranes, Blocking Buffer, Flash HRP-conjugate, Flash Wash Buffer, and Radiance ECL Substrate.



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