

# Center for Applied Nanotechnology

Say hello to enjoyable high speed Westerns!



## CANdot® Series G – His Detect

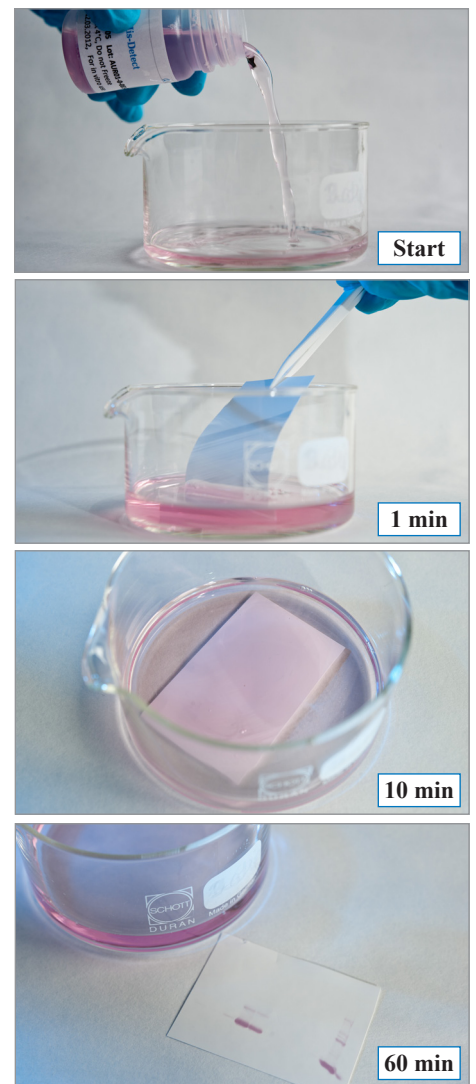
- Fastest Western ever; results in 30 – 90 min
- Specific staining of His-tagged proteins
- Sensitive to sub-picomol amounts of protein
- Simple incubation, no buffer exchange etc.
- Economic, no readout equipment required
- Visually detectable result
- Quantitative and permanent signal

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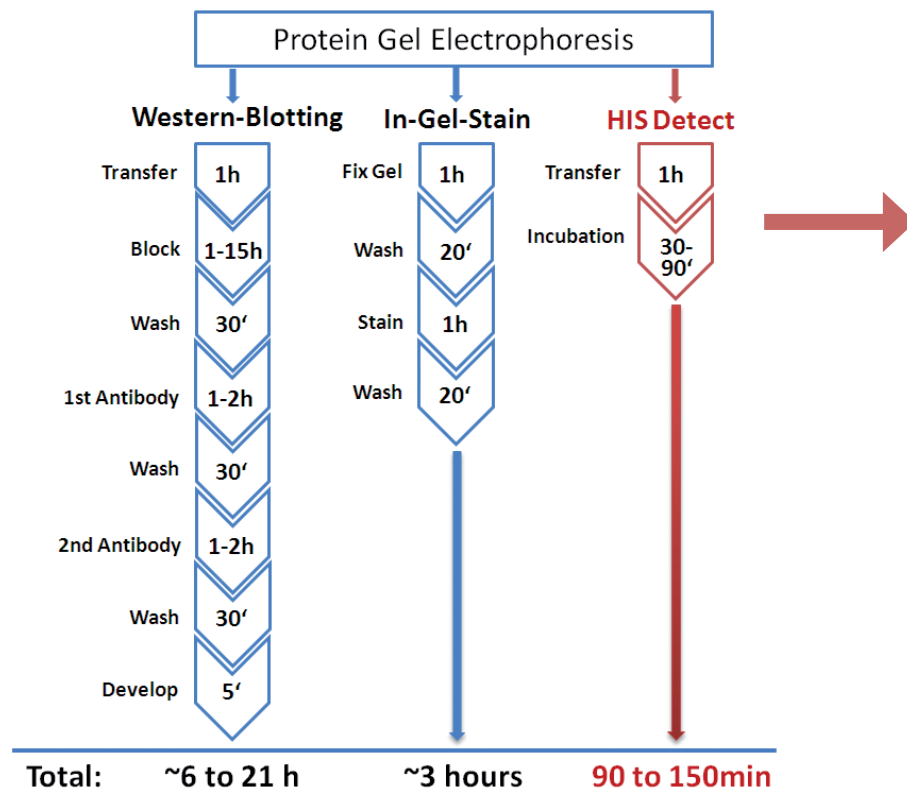
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## CANdot® Series G – His Detect

**His Detect** is a ready-to-use reagent for the detection of poly-histidine tagged proteins in blot assays. The detection reagent is made from an optimized anti-histidine antibody gold nanoparticle conjugate and is reactive against C- and anti-N terminal tags. Instant detection of poly-histidine tagged proteins on nitrocellulose membrane with CAN His Detect is easy and does not require relevant hands on time.



Application scheme for use of CAN His Detect



There is no blocking, washing or successive antibody incubation time required. In approx. one hour after Western blotting transfer or direct spotting of proteins you will visualize His-tagged fusion proteins. The method is minimum five times faster than conventional western blotting. Put side by side with In-gel Stain the economic aspects are striking. There is no detection equipment required, the reagent is stable and the sensitivity is especially high.

Features	Method
<ul style="list-style-type: none"> <li>fast, convenient, quantitative</li> <li>visually detectable</li> <li>permanent result</li> <li>re-usable</li> </ul>	<ul style="list-style-type: none"> <li>spot protein on nitrocellulose</li> <li>incubate 30 – 90 min.</li> <li>rinse with tap water</li> <li>dry to archive or scan</li> </ul>

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