

< What's New >  
Calibration Chart  
(Microscope Slide type)

**DNP**


17th May. '22  
Fine Optorionics Operations  
Dai Nippon Printing Co., Ltd

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# Calibration Chart (Microscope Slide type)



Function	Specification	Appearance
Classic Color	Corresponding color standard BT.709 , BT.2020	
Gray tone	11step tone	
Resolution and Lens Distortion	Corresponding objective lens X2.5 , X5 , X10 , X20 , X40 , X100  Resolution Minimum line width X20:600nm,X40:300nm,X100:100nm	

**Slide Size** : ISO Standard compliant

75~76mm

25~26mm



Thickness  
0.9~1.2mm

# Usage and Function

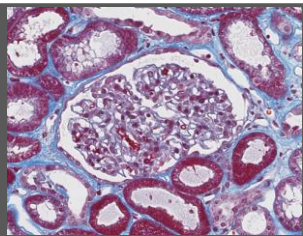
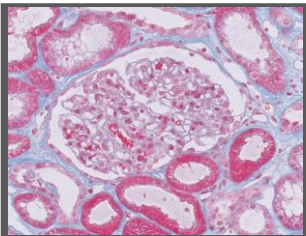
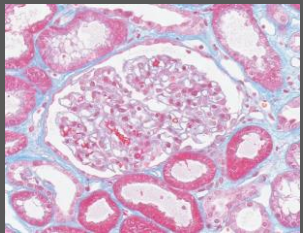
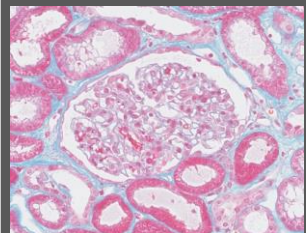
- This chart was developed as a glass slide type calibration chart for pathological imaging systems.
- Combined with DNP color space coordinate correction software, calibration can be performed on captured images.



Microscope



Whole Slide Imaging

	Machine A	Machine B
Original		
Corrected		

## Reference

SPIE <https://doi.org/10.1117/12.2611413>

SID [https://www.dnp.co.jp/eng/biz/eventseminar/event/10162437\\_2488.html](https://www.dnp.co.jp/eng/biz/eventseminar/event/10162437_2488.html)

## Merit

The external size conforms to the glass slide ISO,JIS standard and fits various types of optical microscopes.

Color charts can be almost compatible with BT.709 and BT.2020 standard color gamuts.

By placing a coordinate origin mark in the frame/cover glass area, the position coordinates of the functional area can be accurately read, making it compatible with pathological imaging systems.

Fewer particle, clear vision

