

Distance visual acuity testing for vision screening of children aged 36 to younger than 72 months

	BEST PRACTICE	Acceptable Practice	Unacceptable
Optotype	Single surrounded HOTV letters or LEA Symbols	Rectangular crowding bar surrounding a single line* of HOTV letters or LEA Symbols	Snellen Allen Figures Tumbling E Landolt C Lighthouse Kindergarten Eye Chart
Test Distance	5 ft (1.5 m)	10 ft (3 m)	20 ft (6 m) Near card Any distance <5 ft (1.5 m)
Monocular* visual acuity	Name or match correctly 3 or 4 out of 4: 20/50 for 3-y-olds, 20/40 for 4- and 5-y-olds		Binocular testing
Illumination	≥80 cd/m² luminance		Glare on test cards or computer screen
Occlusion	Adhesive patch or opaque paper tape	Specialized occluder glasses	Hand, tissue, paper cup, cover paddle
Examples of currently available commercial products	VIP Screener, single surrounded optotypes (Good-Lite)	MassVAT single surrounded lines (Precision Vision)*	Tests with optotypes listed above Near vision machines like those used at motor vehicle testing facilities

The current list is maintained at <http://nationalcenter.preventblindness.org>.

*When lines are used, different lines of letters should be used for each eye.