

## Autism Behavior Checklist (ABC)

### Overview

The Autism Behavior Checklist (ABC; Krug, Arick, & Almond, 2008) is a 57-item questionnaire to be completed by parents or teachers. It is one component of the Autism Screening Instrument for Educational Planning – Third Edition (ASIEP-3; Krug et al., 2008). The ABC is divided into five subscales: sensory behavior, social relating, body and object use, language and communication skills, and social and adaptive skills

### Summary

Name of Tool/Author	Screening/ Diagnosis	Age Range*	Method of Administration/Format	Approximate Time to Administer	Subscales
Autism Behavior Checklist (ABC) Krug, Arick, & Almond (2008)	S	2 to 14	Subtest of the ASIEP-3  A 57-item questionnaire; yes/no format  Parent or teacher may complete  Yields cutoff score ranges based on different diagnoses	10–20 min.	Sensory Behavior; Social Relating; Body and Object Use; Language and Communication Skills; Social and Adaptive Skills

\*In years except where noted. \*\* Instrument requires special training to administer.

Availability: Pro-Ed, <http://bit.ly/1kp6lwP>

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### Research

Author (Year)	Age Range (in years)	Sample Size	Topic Addressed	Outcome <i>r</i> = correlation
Eaves & Williams (2006)	Mean age = 101.32 mos.	198	Reliability and construct validity	<p>Alpha coefficients: Reliability for Total Score – adequate for screening: Krug, Arick, &amp; Almond (1993): Total Score <math>r = 0.89</math>; Miranda-Linné &amp; Melin (2002) scores: Total Score <math>r = 0.86</math></p> <p>Reliability for scales – not reliable: Krug, Arick, &amp; Almond (1993): Sensory <math>r = 0.59</math>, Relating <math>r = 0.75</math>, Body &amp; Object Use <math>r = 0.76</math>, Language <math>r = 0.60</math>, Social &amp; Self-Help <math>r = 0.57</math>;</p> <p>Miranda-Linné &amp; Melin (2002): Nonresponsive Behavior <math>r = 0.81</math>, Infant-like Behavior <math>r = 0.68</math>, Aggressive Behavior <math>r = 0.66</math>, Stereotypical Behavior <math>r = 0.63</math>, Echolalic Speech <math>r = 0.74</math> Alternate factors identified</p>
Eaves, Campbell, & Chambers (2006)	Mean age autistic – 96.81 mos. Nonautistic – 126.09 months	107	Criterion- related and construct validity	<p>Validity between ABC and PDDRS (partial coefficients) Total = 8.80; Sensitivity of ABC = 77% Specificity of ABC = 91% Overall Classification Accuracy = 80% (two x two matrix); When compared with PDDRS classifications, overall agreement = 85% with phi coefficient for nominal classifications = 0.68</p>
Rellini, Tortolani, Trillo, Carbone, & Montecchi (2004)	1.5–11	65	Criterion validity	Sensitivity = 54% False negatives =46%

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Miranda-Linné & Melin (2002)	5–22	383	Factor analysis	No data reported for the five factors
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### References

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