

ASD Specific Screening Tools

Instrument	Age	Admin. Time	Description
<p>Asperger Syndrome Diagnostic Scale (ASDS) (Myles, Bock, & Simpson, 2001)</p> <p>The ASDS is available in English or Spanish through Pro-Ed Inc. at www.proedinc.com/customer/productView.aspx?ID=1842&SearchWord=ASDS</p> <p>Video describing the ASDS can be found at: www.ocali.org/view.php?nav_id=203</p> <hr/> <p>Administrator: Parent/Caregiver or Teacher</p>	5 – 18 years	10 – 15 min	<p>The ASDS consists of 50 items that are rated for presence or absence of behaviors related to Asperger Syndrome</p> <ul style="list-style-type: none"> • Results yield standard scores and percentiles for the five subscales. Raw scores from the subscales are summed to create the Asperger Syndrome Quotient (ASQ), which is a standard score.
<p>Autism Behavior Checklist (ABC) (Krug, Arick, & Almond, 2008)</p> <p>The ABC is available for purchase from www.proedinc.com/customer/productView.aspx?ID=4217&SearchWord=asiep</p> <hr/> <p>Administrator: Parent/Caregiver or Teacher</p>	3 – 14 years	10 – 15 min	<p>The ABC, a subtest of the ASIEP-3, is a questionnaire containing 57 items answered in a yes/no format.</p> <ul style="list-style-type: none"> • Results indicate cutoff score ranges based on different diagnoses.
<p>Autism Spectrum Screening Questionnaire (ASSQ) (Ehlers, Gillberg & Wing, 1999)</p> <p>The full ASSQ article and screening tool is available at www.childnps.se/dokument/assqenglish.pdf</p> <p>Video describing the ASSQ can be found at: www.ocali.org/view.php?nav_id=203</p> <hr/> <p>Administrator: Parent/Caregiver</p>	7 – 16 years	5 – 10 min	<p>The ASSQ consists of 27 items that are rated on a 3-point scale. The items are designed to screen for AS and other high-functioning disorders on the autism spectrum.</p> <ul style="list-style-type: none"> • Results are reported in cut-off scores, with higher scores being more indicative of an ASD.

Instrument	Age	Admin. Time	Description
<p>Autism Spectrum Quotient (AQ) (Baron-Cohen, Wheelwright, Skinner, Martin & Clubley, 2001)</p> <p>The AQ can be accessed at www.autismresearchcentre.com/arc_tests</p> <p>Video describing the AQ can be found at: www.ocali.org/view.php?nav_id=203</p> <hr/> <p>Administrator: Child and Adolescent Version: Parent/Caregiver; Adult Version: Self-Report</p>	4 – adult	5 – 10 min	<p>Three AQ versions have been developed: children, adolescents, adults. The 50-item AQ is structured around five subdomains: social interaction, communication, attention to detail, attention switching and imagination. Items are completed using a 4-point Likert scale.</p> <ul style="list-style-type: none"> • Cut-off score of 76 indicates a positive screen for ASD.
<p>Autism Spectrum Quotient – 10 (AQ-10) (Allison, Auyeung, & Baron-Cohen, 2012)</p> <p>The AQ-10 can be accessed at www.autismresearchcentre.com/arc_tests</p> <hr/> <p>Administrator: Child and Adolescent Version: Parent/Caregiver; Adult Version: Self-Report</p>	18 – 24 months	5 min	<p>This 10-item scale uses a 5-point Likert scale (always, usually, sometimes, rarely, never)</p> <ul style="list-style-type: none"> • A score of 3 or more indicates a positive screen for ASD.
<p>Checklist for Autism in Toddlers (CHAT) (Baron-Cohen, Allen, & Gillberg, 1992)</p> <p>The CHAT is available online for free through the Autism Research Centre at www.autismresearchcentre.com/arc_tests</p> <hr/> <p>Administrator: Parent/Caregiver</p>	18 – 24 months	5 – 10 min	<p>The CHAT is designed to be completed by a physician with parents during a child’s 18-month check-up. Five key items indicate autism risk: pretend play, protodeclarative pointing, following a point, pretending, and producing a point.</p> <ul style="list-style-type: none"> • Results are reported as yes/no and indicate need for additional surveillance or referral.

Instrument	Age	Admin. Time	Description
<p>Childhood Asperger Syndrome Test (CAST) (Scott, Baron-Cohen, Bolton, & Brayne, 2002)</p> <p>The CAST is available online for free through the Autism Research Centre at www.autismresearchcentre.com/arc_tests</p> <hr/> <p>Administrator: Parent/Caregiver</p>	4 – 11 years	5 – 10 min	<p>The CAST is a 37-item, parent rating scale of behavioral indicators of possible Asperger Syndrome. Items are scored as present/absent.</p> <ul style="list-style-type: none"> • Results are reported based on an overall score. A CAST cut-off score of 15 or greater indicates the need for further evaluation.
<p>Childhood Autism Rating Scale, Second Edition (CARS 2) (Schopler, Van Bourgondien, Wellman, & Love, 2010)</p> <p>The CARS 2 is available from Pro-ed at www.proedinc.com/customer/productView.aspx?ID=4754</p> <hr/> <p>Administrator: Practitioner (includes an unscored parent survey)</p>	<p>CARS 2-ST 0 – 6 years</p> <p>CARS 2-HF 6+ years</p>	15 min	<p>The CARS 2 consists of two 15-items rating scales. The Standard Version (CARS 2-ST) is used with children younger than 6 years. The High-Functioning Version (CARS 2-HF) is used for verbally fluent individuals 6 years and older with average or above intellectual ability.</p> <ul style="list-style-type: none"> • Results are interpreted relative to the level of autism-related behaviors.
<p>Developmental Checklist-Early Screen (DBD-ES) (Gray & Tonge, 2005)</p> <p>The DBC-ES is available for purchase through Western Psychological Services at www.med.monash.edu.au/spppm/research/devpsych/download/dbc-info-package.pdf</p> <hr/> <p>Administrator: Parent/Caregiver</p>	18 – 48 months	10 min	<p>The DBD-ES is a 17-item instrument, derived from the DPC-P, for the screening of autism in children with developmental delay ages 18-48 months.</p> <ul style="list-style-type: none"> • Results are reported through unweighted scores. A score higher than an 11 has found to be optimum for sensitivity for screening for autism.

Instrument	Age	Admin. Time	Description
<p>Developmental Behavior Checklist-Autism Screening Algorithm (DBC-ASA) (Brereton, Tonge, Mackinnon, & Einfeld, 2002)</p> <p>The DBC-ASA is available for purchase through Western Psychological Services at www.med.monash.edu.au/spppm/research/devpsych/download/dbc-info-package.pdf</p> <hr/> <p>Administrator: Parent/Caregiver</p>	4 – 18 years	5 – 10 min	<p>The DBC-ASA is comprised of 29 items derived from the Developmental Checklist Parent/Primary caregiver report (DBC-P).</p> <ul style="list-style-type: none"> • Results are reported through un-weighted scores. A score higher than a17 has found to be optimum for sensitivity for screening for autism.
<p>Early Screening for Autistic Traits (ESAT) Dietz, Swinkels, van Daalen, van Engeland, & Buitellar, 2006; Swinkels et al., 2006).</p> <p>The ESAT is available from Dietz et al. (2006).</p> <hr/> <p>Administrator: Parent/Caregiver</p>	14 – 15 months	10 – 15 min	<p>The ESAT is 14-item measure. The items, which are answered as yes or, address the three ASD symptom domains and reactions to sensory stimuli.</p> <ul style="list-style-type: none"> • Failing three or more items is a considered a positive screen for ASD.
<p>Gilliam Asperger’s Disorder Scale (GADS) (Gilliam, 2003)</p> <p>The GADS is available in English and Spanish from Pearson online at www.pearsonassessments.com/HAIWEB/Cultures/en-us/Productdetail.htm?Pid=076-1618-368&Mode=summary</p> <hr/> <p>Administrator: Parent/Caregiver or Professional</p>	3 – 22 years	10 – 15 min	<p>The GADS is a 32-item questionnaire with the following subscales: social interaction, restricted patterns, cognitive patterns and pragmatic skills.</p> <ul style="list-style-type: none"> • Results are interpreted from standard scores and percentiles.

Instrument	Age	Admin. Time	Description
<p>Gilliam Autism Rating Scale-2nd Edition (GARS-2) (Gilliam, 2006)</p> <p>The GARS-2 is available in English and Spanish from Pearson at www.pearsonassessments.com/HAIWEB/Cultures/en-us/Productdetail.htm?Pid=076-1602-321&Mode=summary</p> <hr/> <p>Administrator: Parent/Caregiver or Professional</p>	3 – 22 years	15 – 29 min	<p>The GARS-2 consists of 42 items describing the characteristic behaviors of individuals with autism. The items are grouped into three subscales: Stereotyped Behaviors, Communication, and Social Interaction.</p> <ul style="list-style-type: none"> • Results are reported as an Autism Index with higher scores being indicative of more behaviors.
<p>Krug Asperger's Disorder Index (KADI) (Krug & Arick, 2003)</p> <p>The KADI is available from Pro-ed at www.proedinc.com/customer/ProductLists.aspx?SearchType=All&SearchWords=kadi&SearchWordModifier=All&CategoryID=0.aspx?SearchType=All&SearchWords=kadi&SearchWordModifier=All&CategoryID=0</p> <hr/> <p>Administrator: Parent/Caregiver or Professional</p>	6 – 22 years	15 – 20 min	<p>The KADI consists of 32 items and provides separate elementary and secondary forms.</p> <ul style="list-style-type: none"> • Results are reported as percentile and standard scores.
<p>Modified Checklist for Autism in Toddlers (M-CHAT) (Robbins, Fein, Barton, & Green, 2001)</p> <p>The MCHAT is available in a variety of languages at no cost online at m-chat.org</p> <p>Video describing the M-CHAT can be found at: m-chat.org</p> <hr/> <p>Administrator: Parent/Caregiver</p>	16 – 30 months	5 – 10 min	<p>The M-CHAT is a 23-item questionnaire composed of yes/no items for parents and caregivers. The M-CHAT was based on the CHAT; however, it does not include items that require observation/administration by a physician.</p> <ul style="list-style-type: none"> • Results are reported as pass/fail and indicate need for additional surveillance or referral.

Instrument	Age	Admin. Time	Description
<p>Pervasive Developmental Disorders Screening Test-Second Edition (PDDST-II) (Siegel, 2004)</p> <p>The PDDST-II is available in English and Spanish from Pearson Assessment Products at www.pearsonassessments.com</p> <hr/> <p>Administrator: Parent/Caregiver</p>	12 – 48 months	10 – 20 min	<p>The PDDST-II PCS, a 22-item questionnaire, has three versions (stages) for use in different settings: Stage 1: Primary Care; Stage 2: Developmental Clinic; and Stage 3: Autism Clinic Severity.</p> <ul style="list-style-type: none"> • Results: A positive screen for each form has a different cut off score and meaning.
<p>Quantitative Checklist for Autism in Toddlers (Q-CHAT) (Allison, Auyeung, & Baron-Cohen, 2012)</p> <p>The Q-CHAT can be found at www.autismresearchcentre.com/arc_tests</p> <hr/> <p>Administrator: Parent/Caregiver</p>	16 – 30 months	5-10 min	<p>The Q-CHAT contains the 10 most discriminating items from the M-CHAT. Items are scored as yes/no.</p> <ul style="list-style-type: none"> • The cut-point of 3 for the Q-CHAT and indicates the need for additional assessment.
<p>Screening Tool for Autism in Toddlers and Young Children (STAT) (Stone, Coonrod, & Ousley, 2000)</p> <p>Information on the STAT can be found at kc.vanderbilt.edu/triad/training/page.aspx?id=821</p> <p>Video describing the STAT can be found at: www.ocali.org/view.php?nav_id=203</p> <hr/> <p>Administrator: Professional (training required)</p>	24 – 36 months	20 min	<p>The STAT consists of 12 interactive activities that are administered to the child within the context of play activities</p> <ul style="list-style-type: none"> • Results are reported based on an overall score with lower scores indicating less or no impairment.

Instrument	Age	Admin. Time	Description
<p>Social Communication Questionnaire (SCQ) (Rutter, Bailey, Lord & Berument, 2003)</p> <p>The SCQ can be purchased in English or Spanish through Western Psychological Corporation at portal.wpspublish.com/portal/page?_pageid=53,70432&_dad=portal&_schema=PORTAL</p> <hr/> <p>Administrator: Parent/Caregiver</p>	4+ years	5 – 10 min	<p>The SCQ, which consists of 40 items in a yes/no format, has two forms: the Lifetime Form which focuses on developmental history and behavior and the Current Form which focuses on behavior during the most recent three months.</p> <ul style="list-style-type: none"> • Results are reported using a total score and defined cutoff points.
<p>Social Responsiveness Scale (SRS) (Constantino & Gruver, 2005)</p> <p>The SRS can be purchased through Western Psychological Corporation online at portal.wpspublish.com/portal/page?_pageid=53,70492&_dad=portal&_schema=PORTAL</p> <hr/> <p>Administrator: Parent/Caregiver</p>	4 – 18 years	15 – 20 min	<p>The SRS consists of a 65-item rating scale designed to measure the severity of autism spectrum symptoms as they occur in natural social settings.</p> <ul style="list-style-type: none"> • Results are reported as a quantitative score for autistic social impairment.